



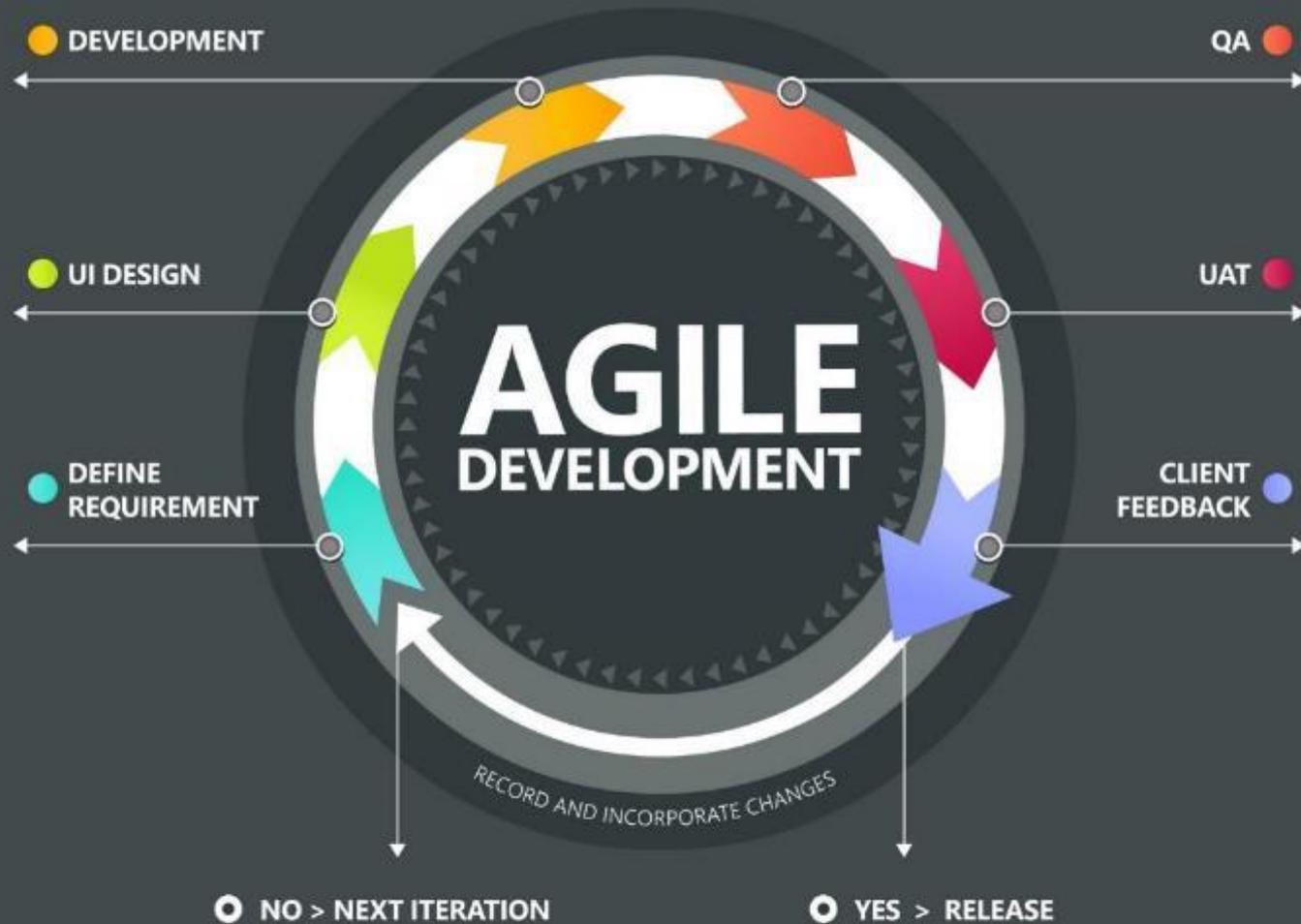
INTEGRATED INSTITUTE OF PROFESSIONAL MANAGEMENT

Our Accreditations



Our Standards





Introduction to Agile Project Management

Objectives

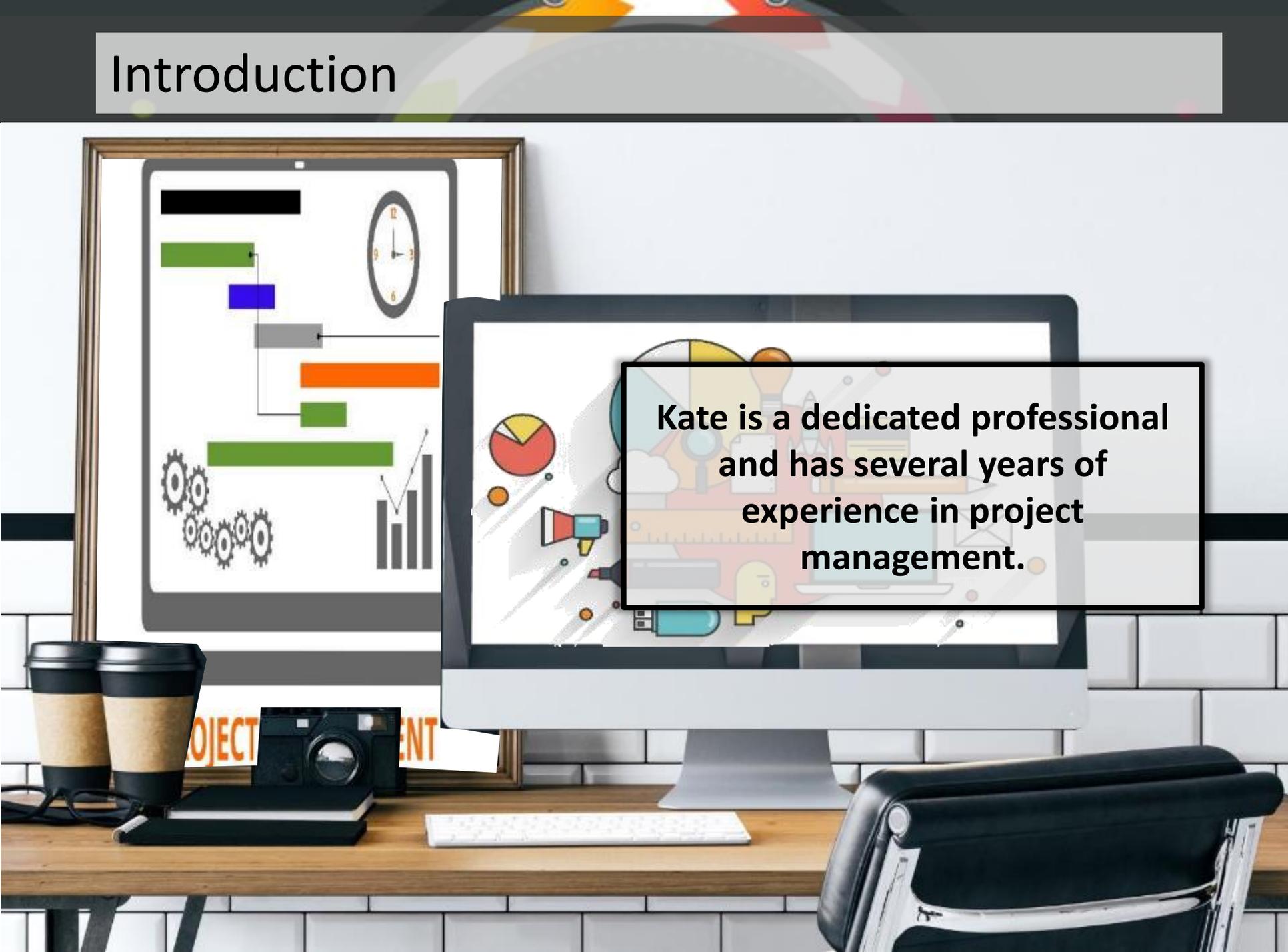
- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Introduction

A woman with long dark hair, wearing a bright red dress, is seated at a wooden desk in a modern office setting. She is looking towards a large computer monitor. On the desk, there are two coffee cups, a camera, and a keyboard. The monitor displays a colorful graphic with various business icons like a pie chart, a lightbulb, a laptop, and a USB drive. A white text box with a black border is overlaid on the right side of the monitor screen.

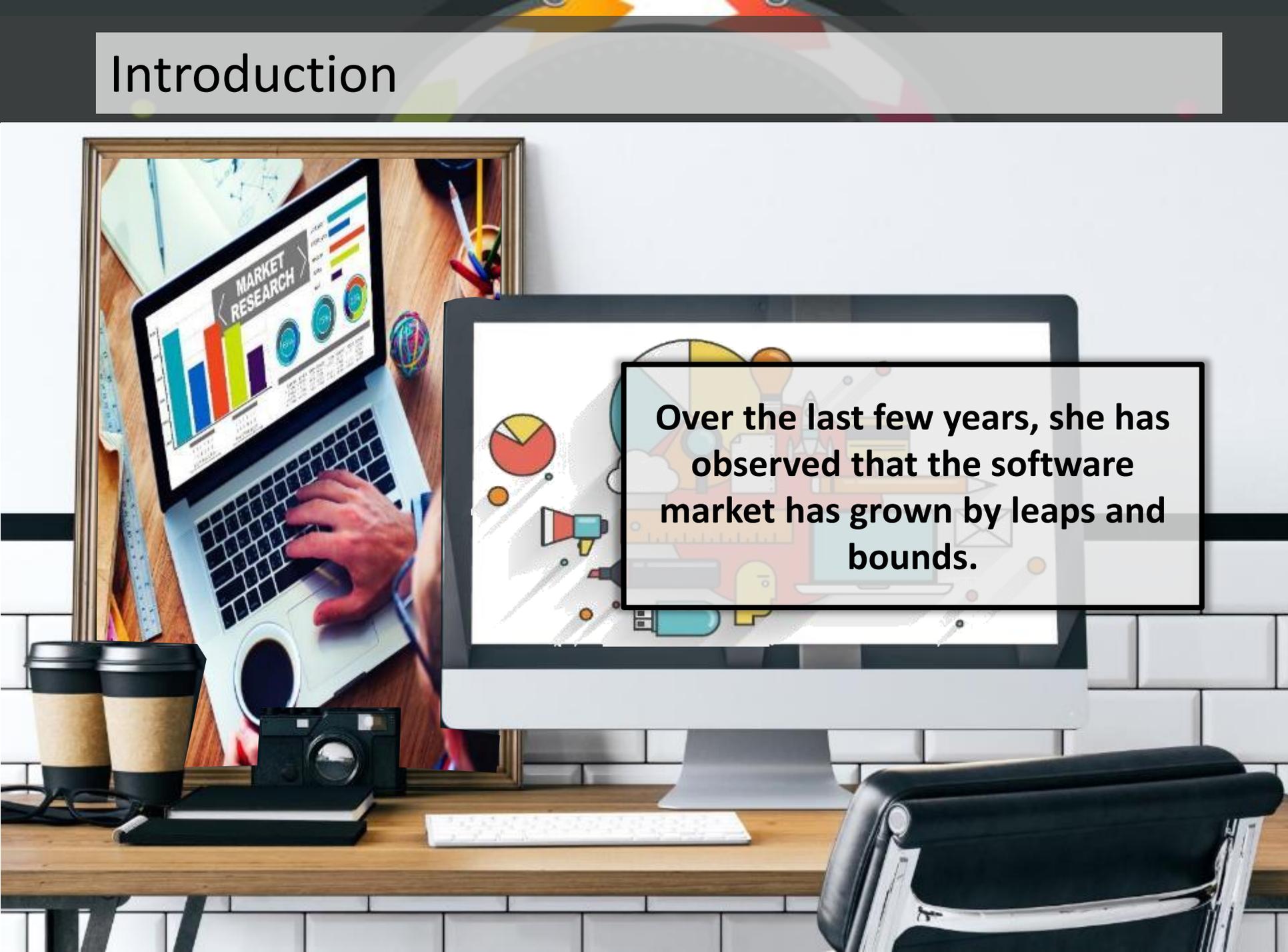
Kate Michigan works as a Project Manager with Nixon Software Inc. for the past seven years.

Introduction



Kate is a dedicated professional and has several years of experience in project management.

Introduction



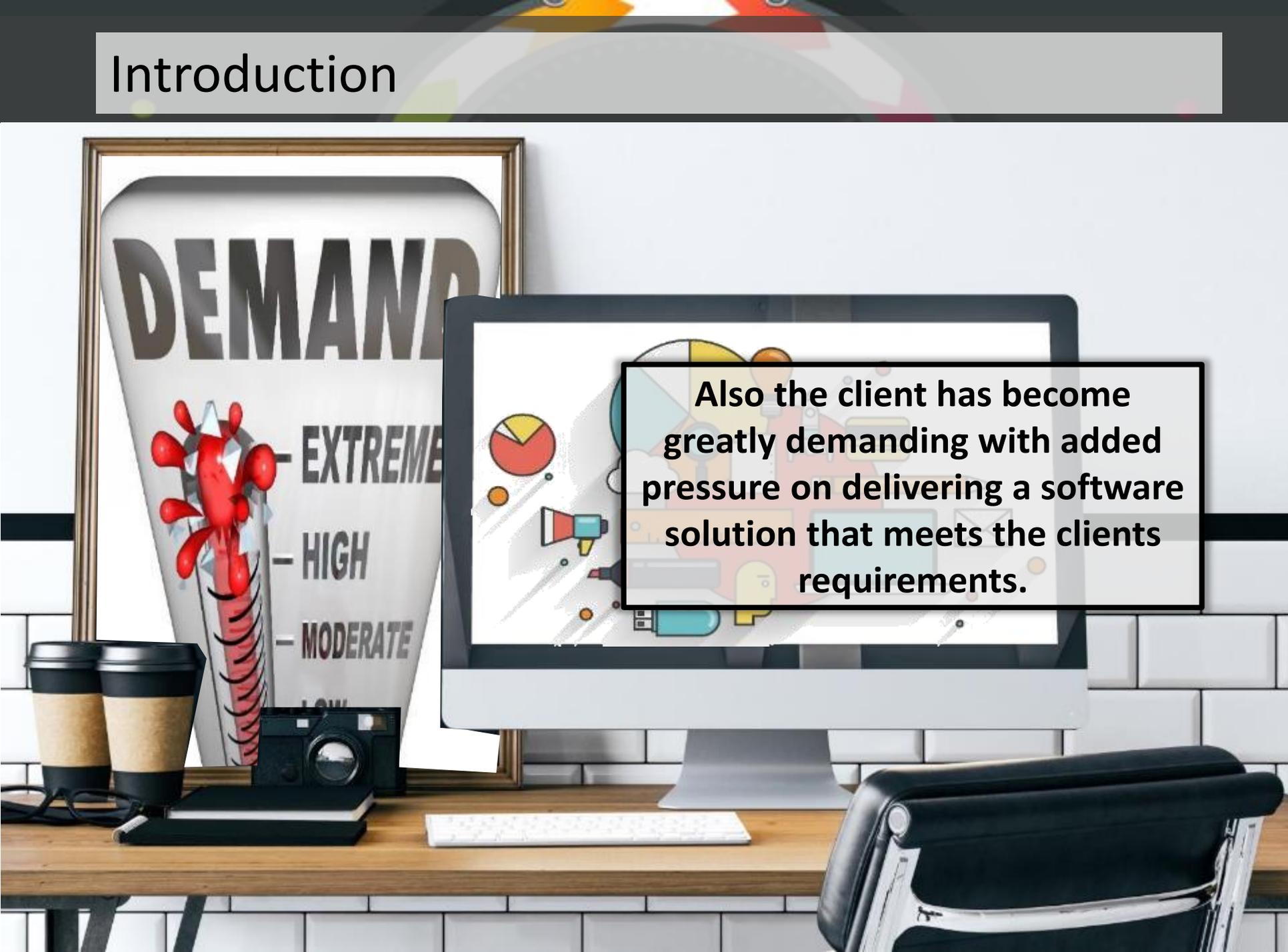
Over the last few years, she has observed that the software market has grown by leaps and bounds.

Introduction



At the same time, she has noticed that the market also has become extremely competitive.

Introduction

A desk setup in a modern office. On the left, two coffee cups and a camera sit on a wooden desk. In the background, a framed poster shows a red, multi-lobed object resembling a demand curve or a stylized figure, with labels for 'DEMAND', 'EXTREME', 'HIGH', and 'MODERATE'. A computer monitor in the center displays a colorful graphic with a pie chart, a megaphone, and a USB drive. A text box is overlaid on the monitor screen.

Also the client has become greatly demanding with added pressure on delivering a software solution that meets the clients requirements.

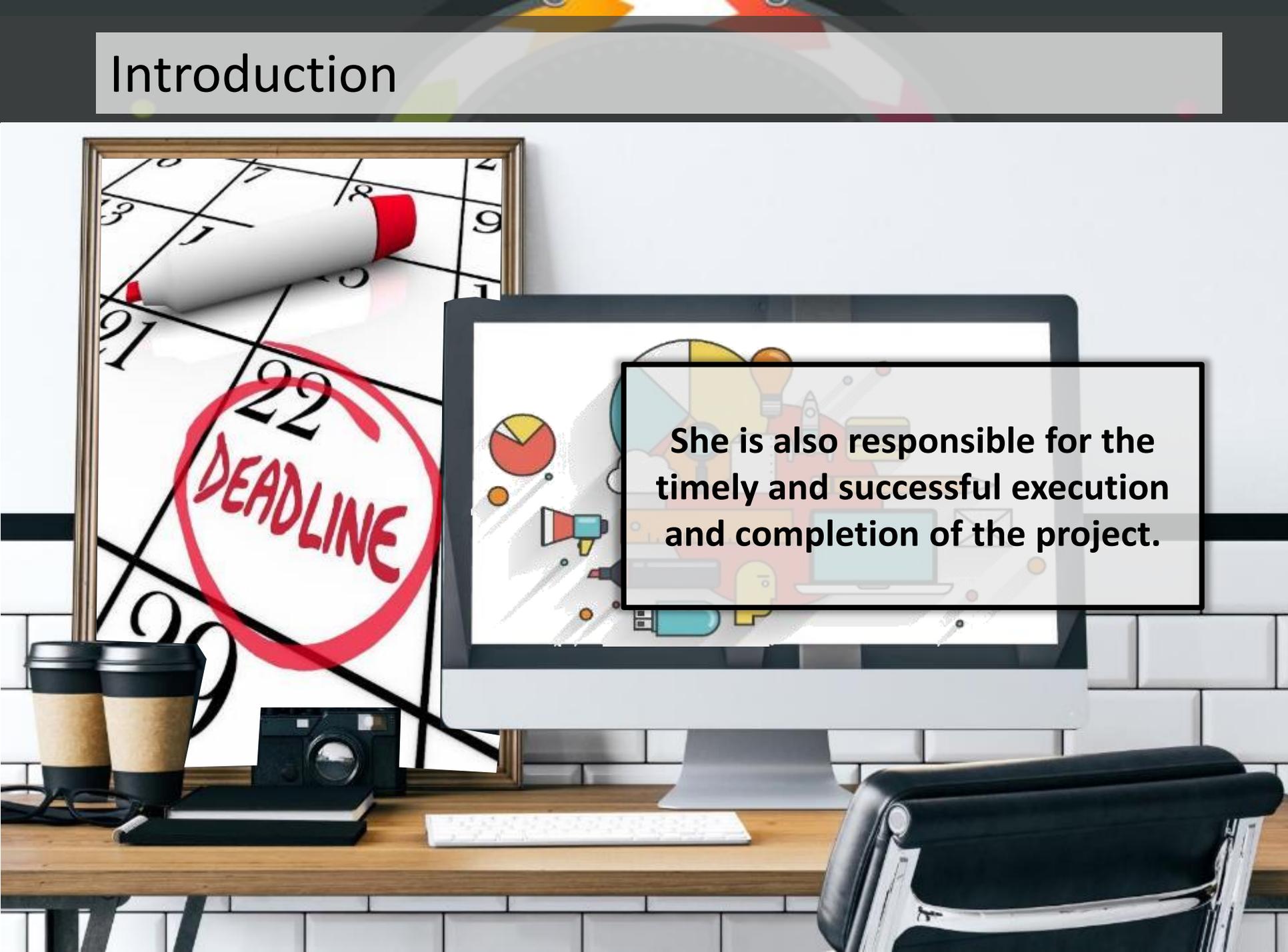
Introduction



Requirements

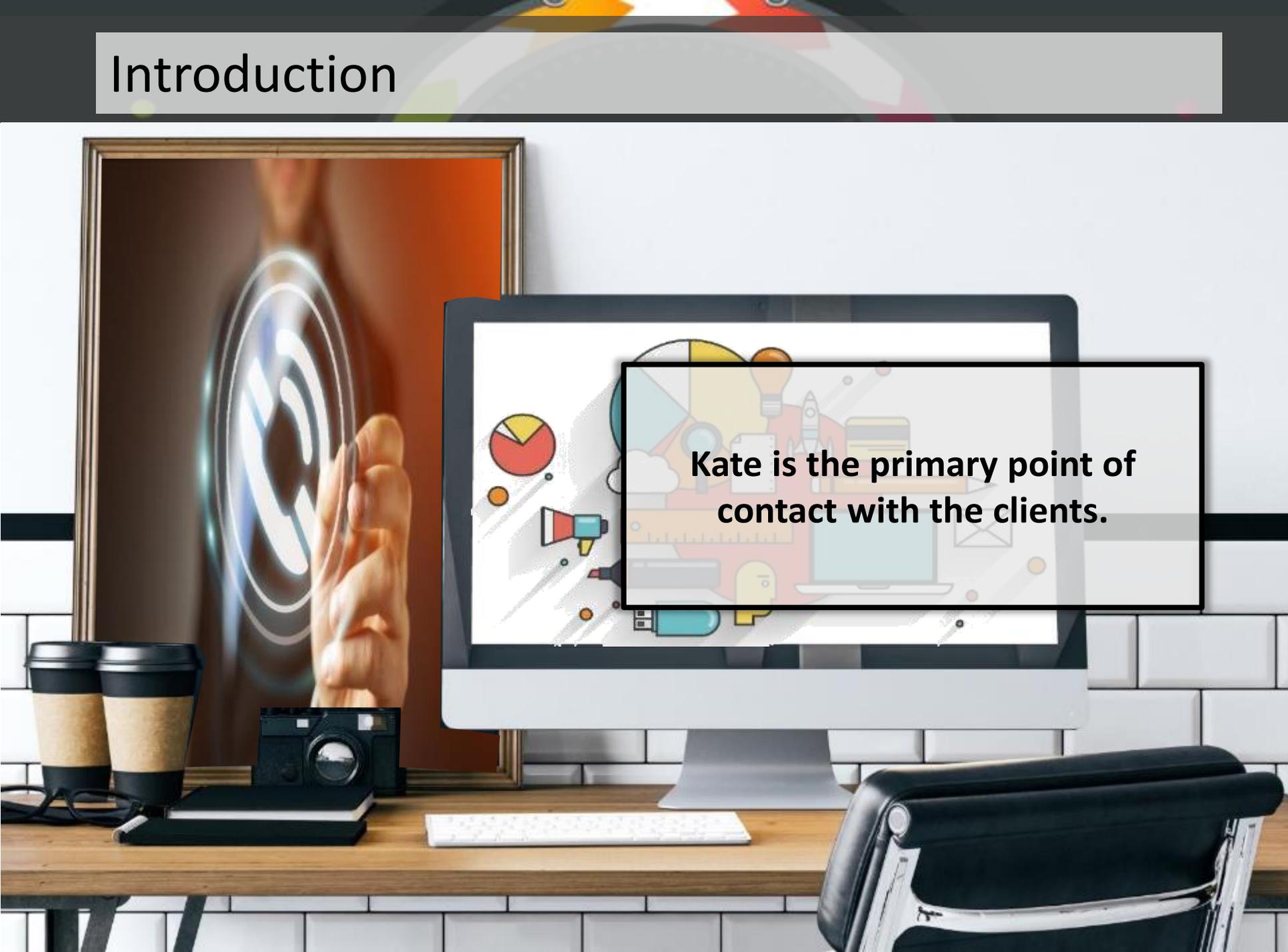
Kate has always been on the forefront of project management and plays a key role in gathering requirements from the client.

Introduction

A desk setup featuring a computer monitor, a calendar, coffee cups, and a camera. The calendar shows the number 22 circled in red with the word 'DEADLINE' written in red. The monitor displays a graphic with various icons like a pie chart, a lightbulb, and a laptop. A text box is overlaid on the monitor.

She is also responsible for the timely and successful execution and completion of the project.

Introduction

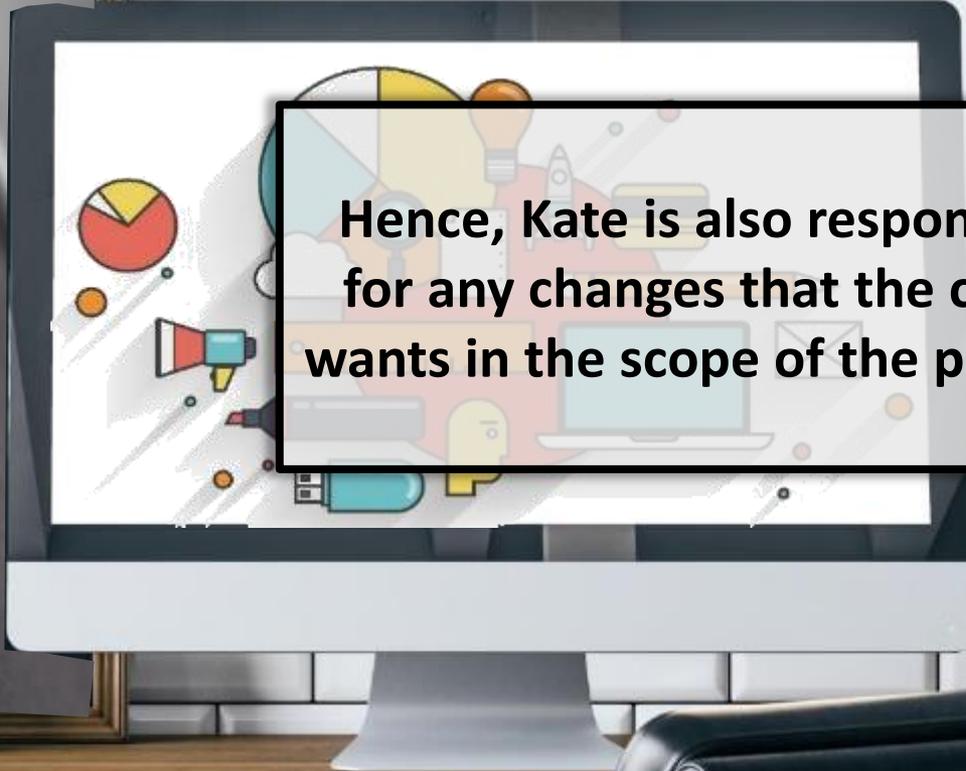
A desk setup featuring a computer monitor, two coffee cups, a camera, and a framed picture of a hand holding a glowing orb. The monitor displays a colorful illustration of business and technology icons, including a pie chart, a lightbulb, a rocket, a laptop, and a USB drive. A text box is overlaid on the monitor.

Kate is the primary point of contact with the clients.

Introduction



CHANGE
—
START



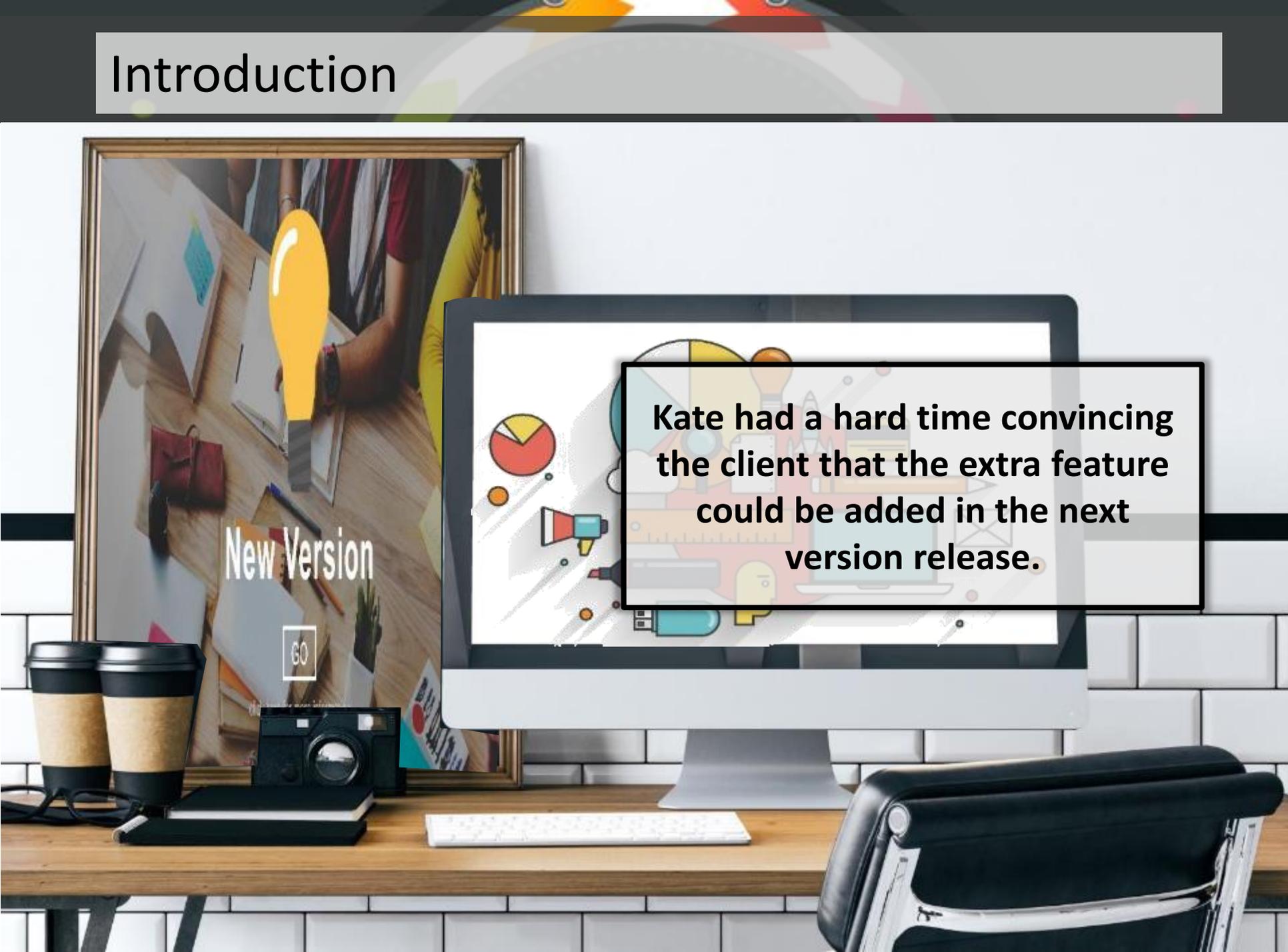
Hence, Kate is also responsible for any changes that the client wants in the scope of the project.

Introduction

Add
Edit
Delete

Recently, she was handling a project where the client came back in the last lag of the project phase with a new feature to be added to the software.

Introduction

A desk setup featuring a computer monitor, keyboard, two coffee cups, and a framed picture of a hand holding a lightbulb. The monitor displays a colorful graphic with a pie chart, a megaphone, and a lightbulb. A text box is overlaid on the monitor.

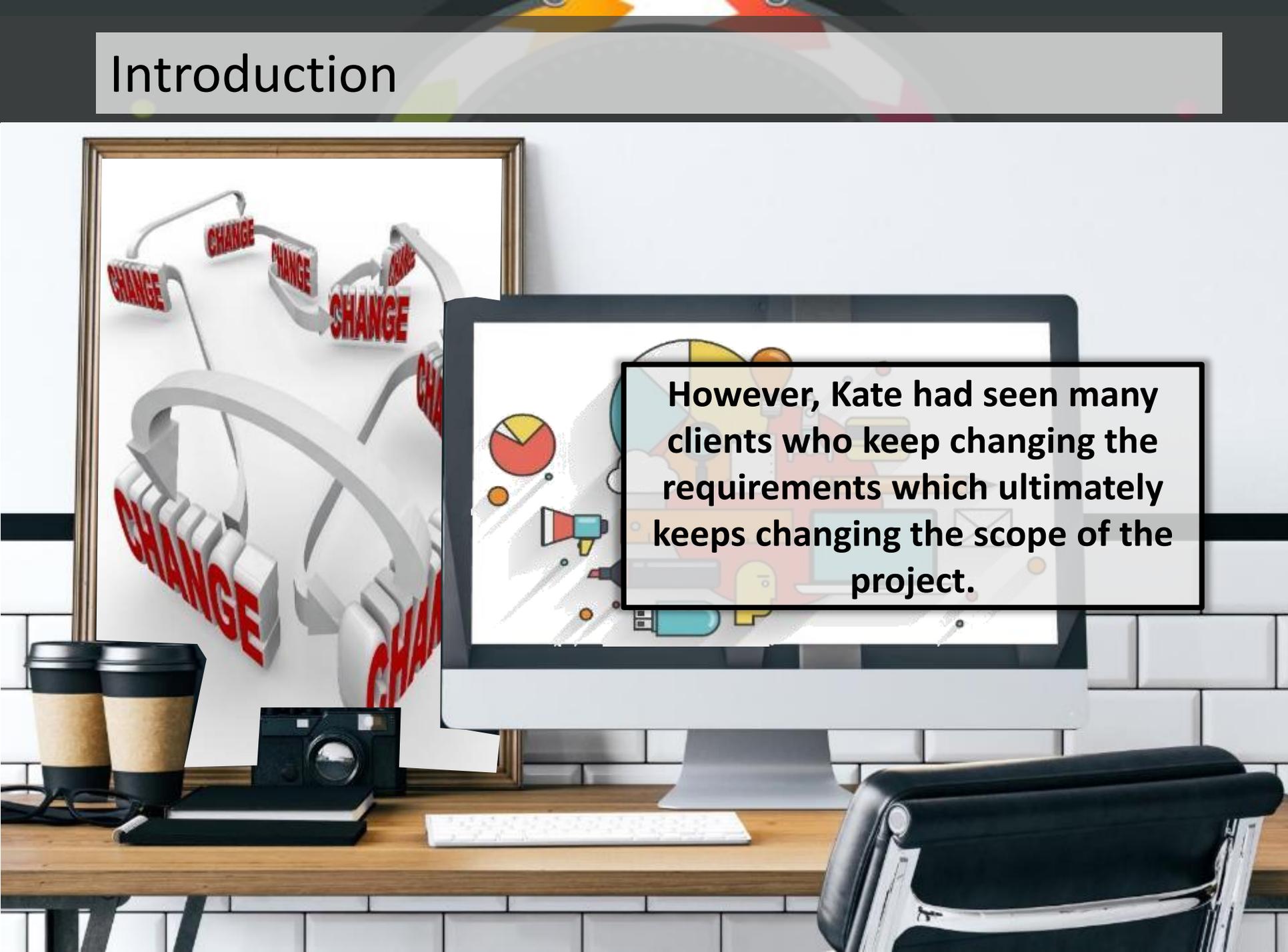
Kate had a hard time convincing the client that the extra feature could be added in the next version release.

Introduction

**IT'S A
DEAL**

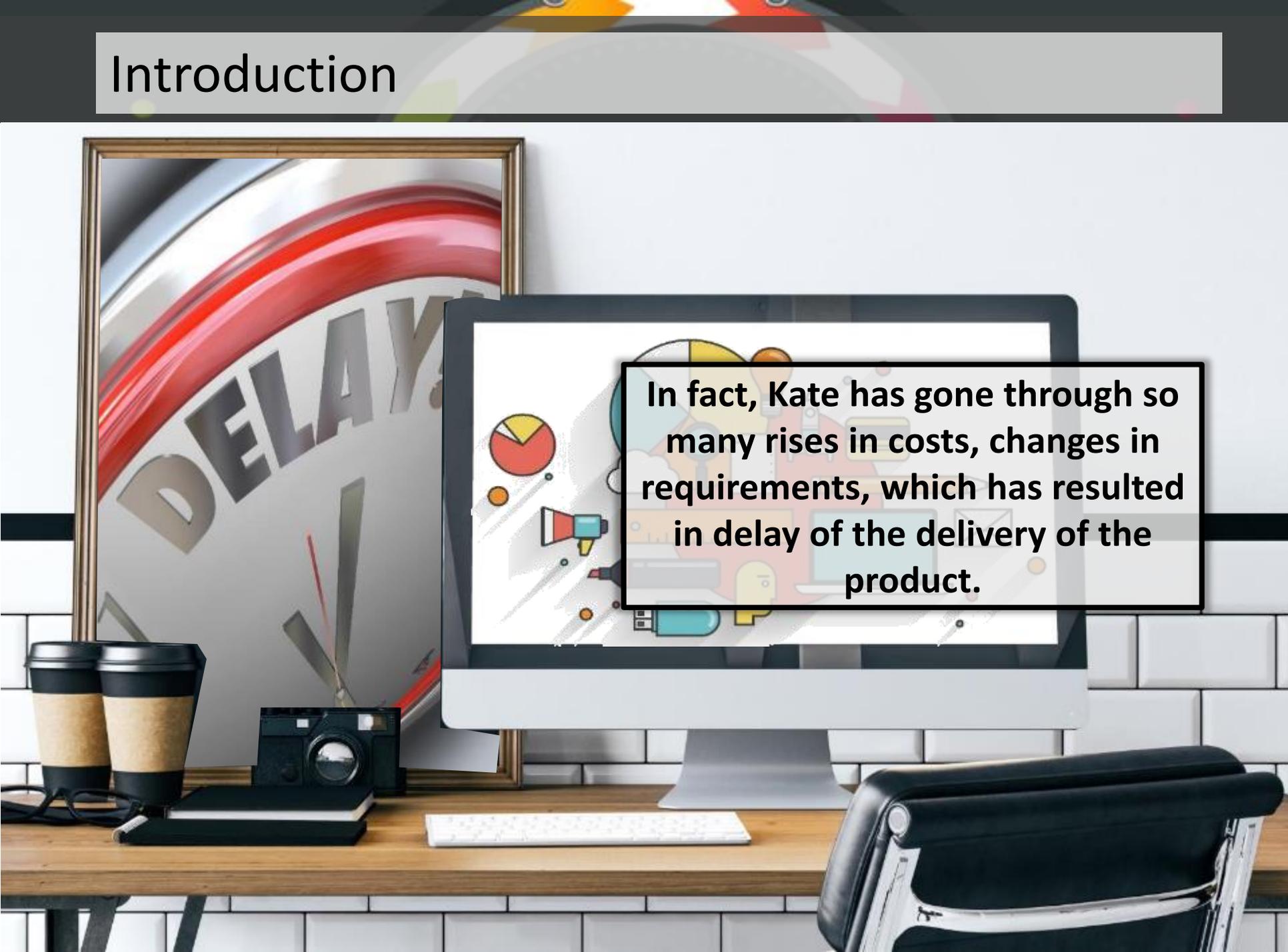
This client had argued initially but then agreed to Kate's suggestion.

Introduction



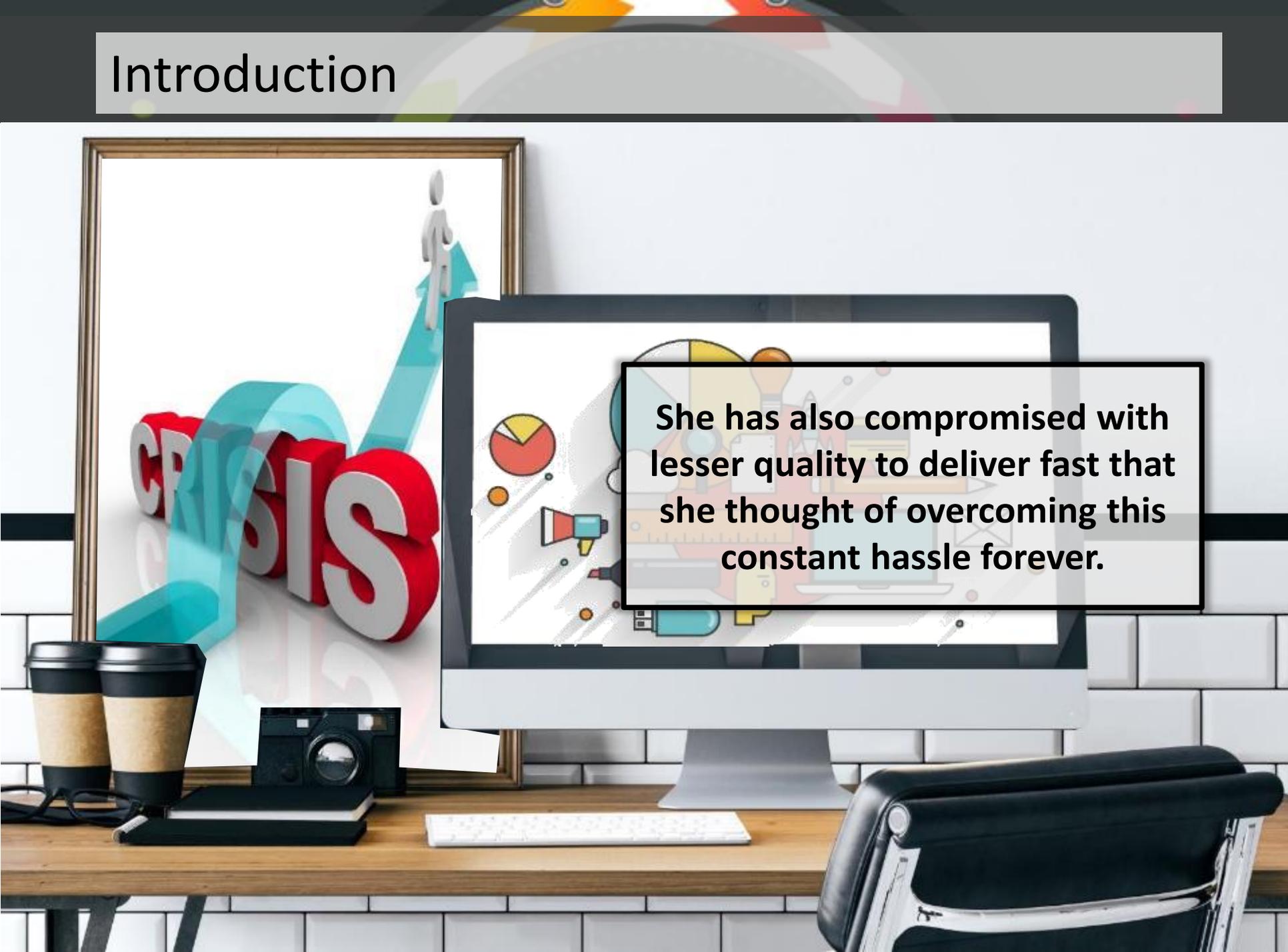
However, Kate had seen many clients who keep changing the requirements which ultimately keeps changing the scope of the project.

Introduction

A desk setup featuring a computer monitor, two coffee cups, a camera, and a framed poster. The poster has a red and white curved banner at the top and the word 'DELAY!' in large, bold, grey letters. The monitor displays a colorful graphic with a pie chart, a megaphone, and other icons. A text box is overlaid on the monitor screen.

In fact, Kate has gone through so many rises in costs, changes in requirements, which has resulted in delay of the delivery of the product.

Introduction



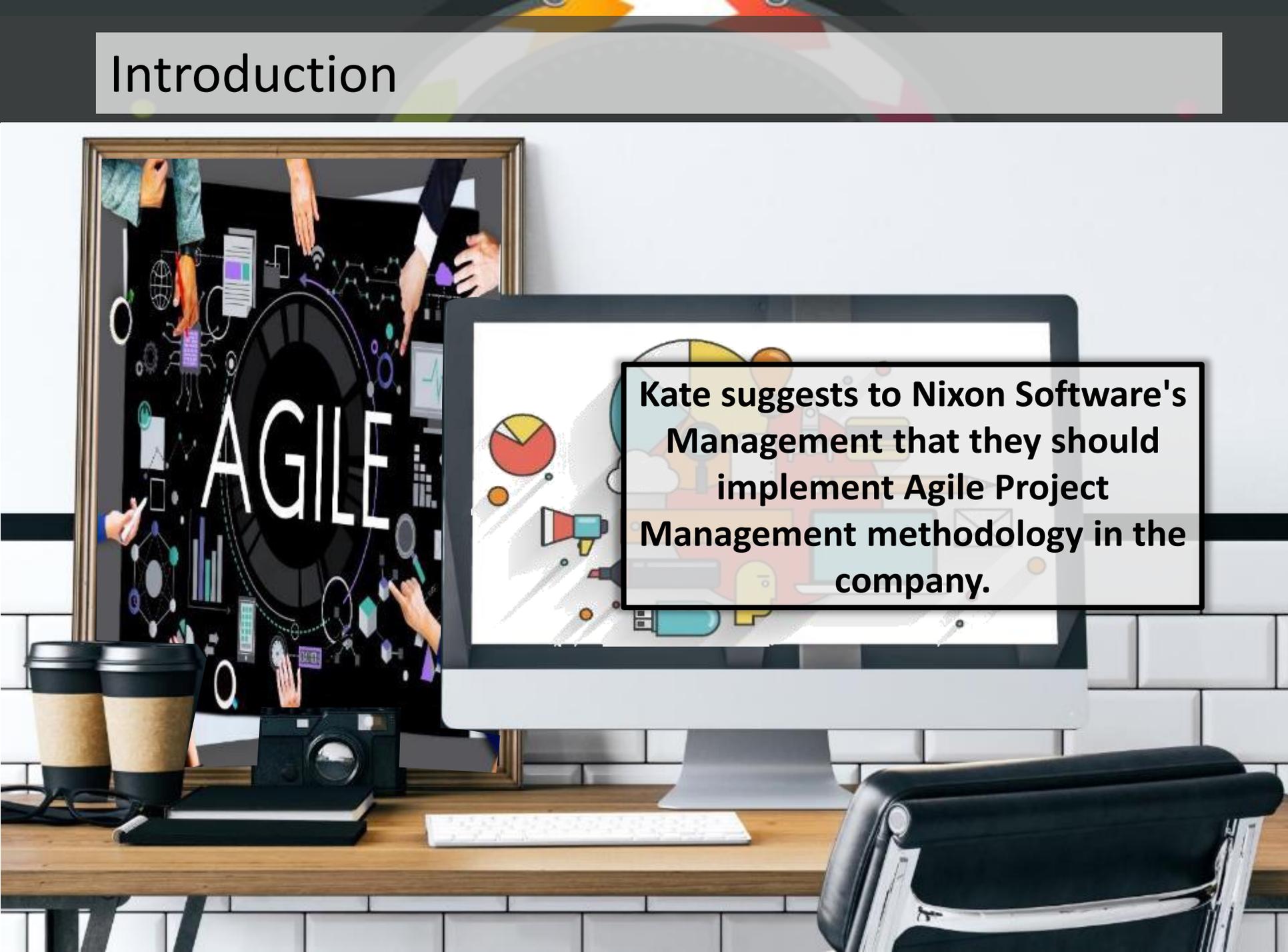
She has also compromised with lesser quality to deliver fast that she thought of overcoming this constant hassle forever.

Introduction

A desk setup featuring a computer monitor, two coffee cups, a camera, and a framed picture of a red seal. The monitor displays a text box with the following text:

Kate has been aware of and even certified for Agile Project Management recently.

Introduction



Kate suggests to Nixon Software's Management that they should implement Agile Project Management methodology in the company.

Introduction

A person in a dark suit is seen in a mirror, covering their face with their hands, suggesting stress or frustration. In the foreground, a computer monitor displays various business-related icons like a pie chart, a megaphone, and a USB drive. A text box is overlaid on the monitor screen.

Most members of the Management are worried about the added cost and pressure on the employees that this step would entail.

Introduction



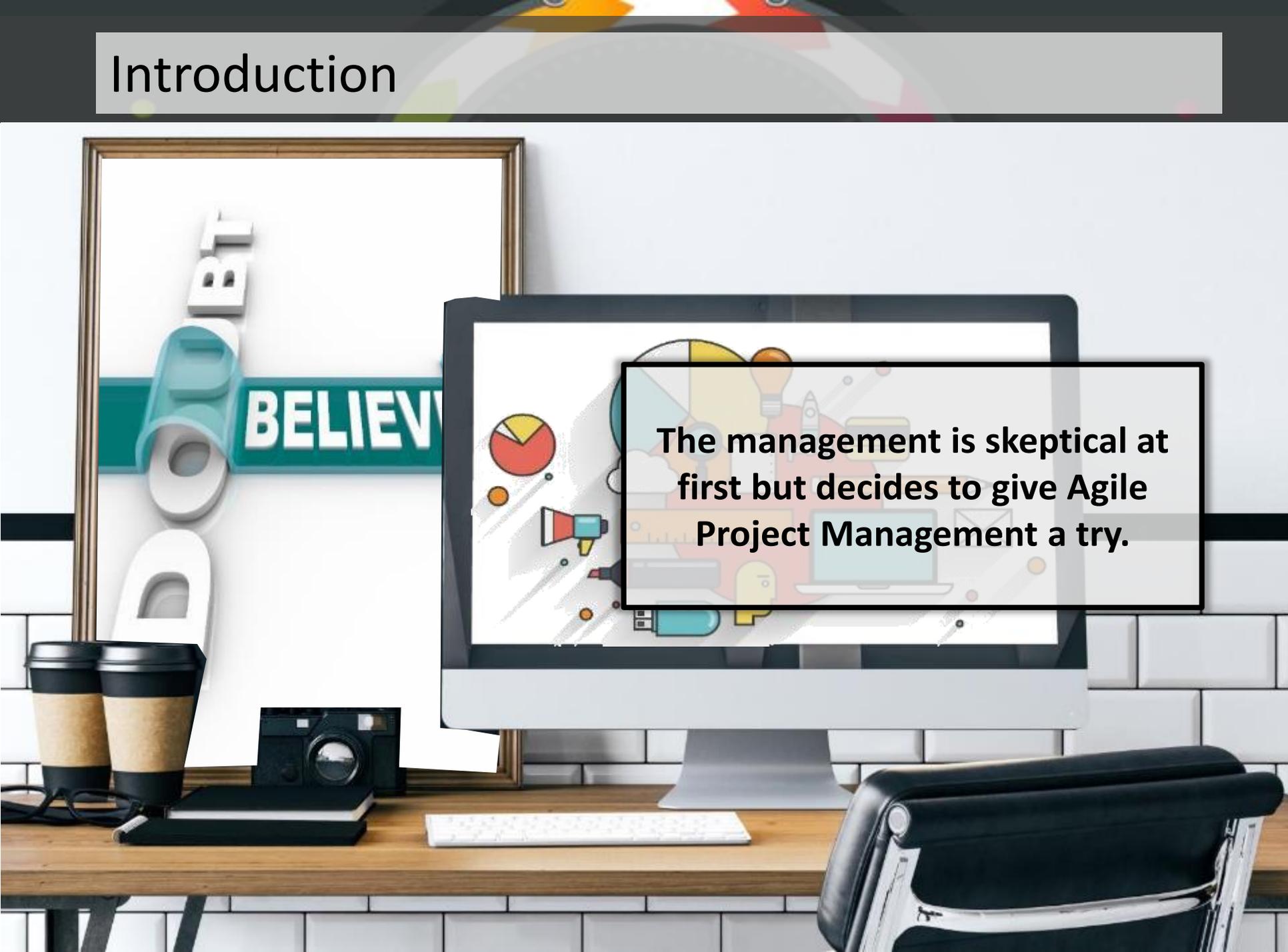
However, Kate convinces them that adopting Agile Project Management would in fact help keep their project costs within stipulated budget.

Introduction

A desk setup featuring a computer monitor, two coffee cups, a camera, and a framed poster. The poster displays three rockets labeled 'CREATIVITY', 'EFFICIENCY', and 'QUALITY' with 'MIN' and 'MAX' indicators. The computer monitor shows a colorful graphic with a pie chart, a megaphone, and a USB drive. A text box is overlaid on the monitor.

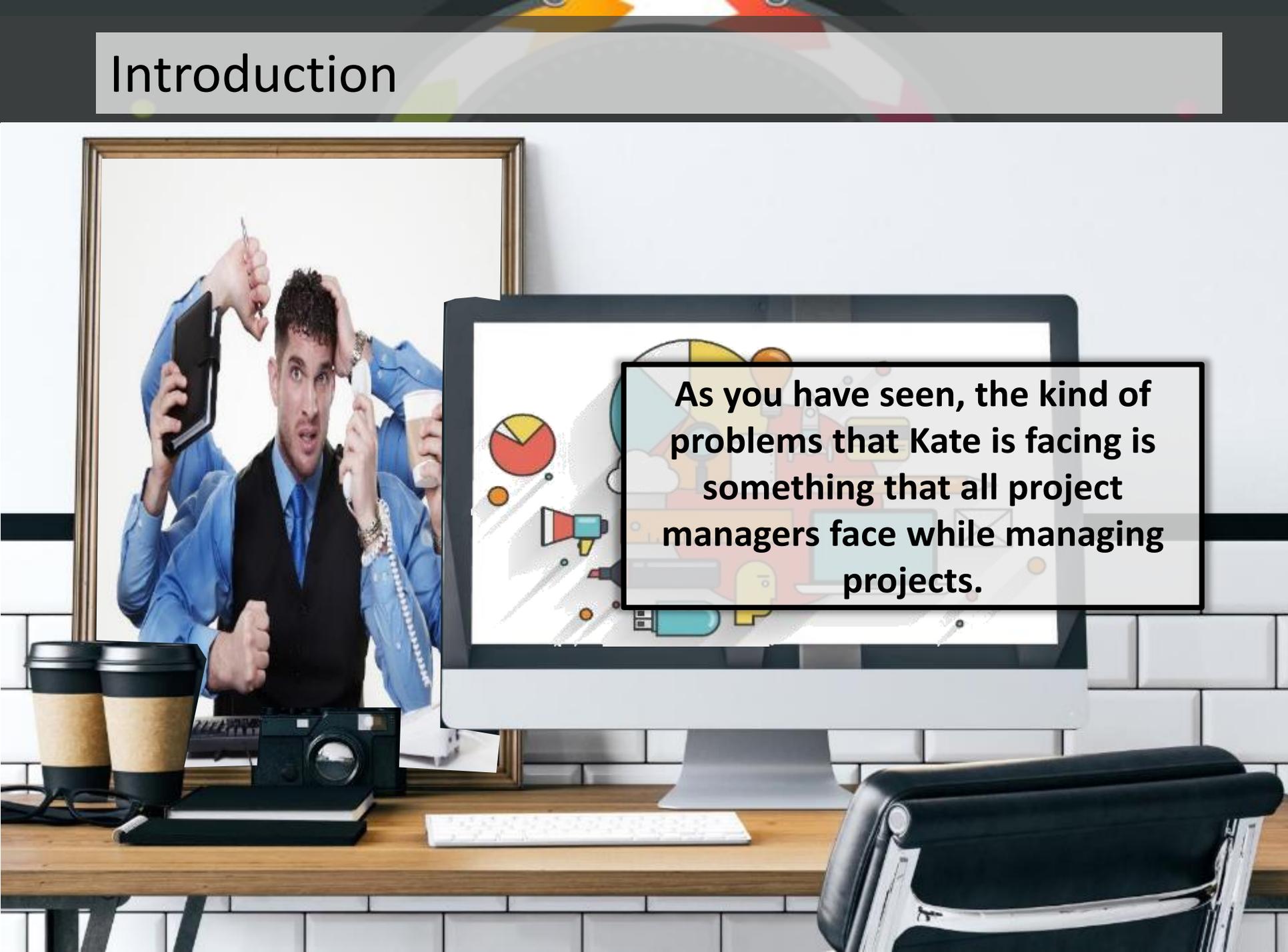
Also, it will help the employees in delivering a high-quality product on time and also as per clients changing requirements and scope.

Introduction

A desk setup with a computer monitor, coffee cups, a camera, and a framed sign that says 'BELIEVE'. The monitor displays a colorful illustration of project management tools like a pie chart, a lightbulb, a rocket, and a laptop. A text box is overlaid on the monitor.

The management is skeptical at first but decides to give Agile Project Management a try.

Introduction



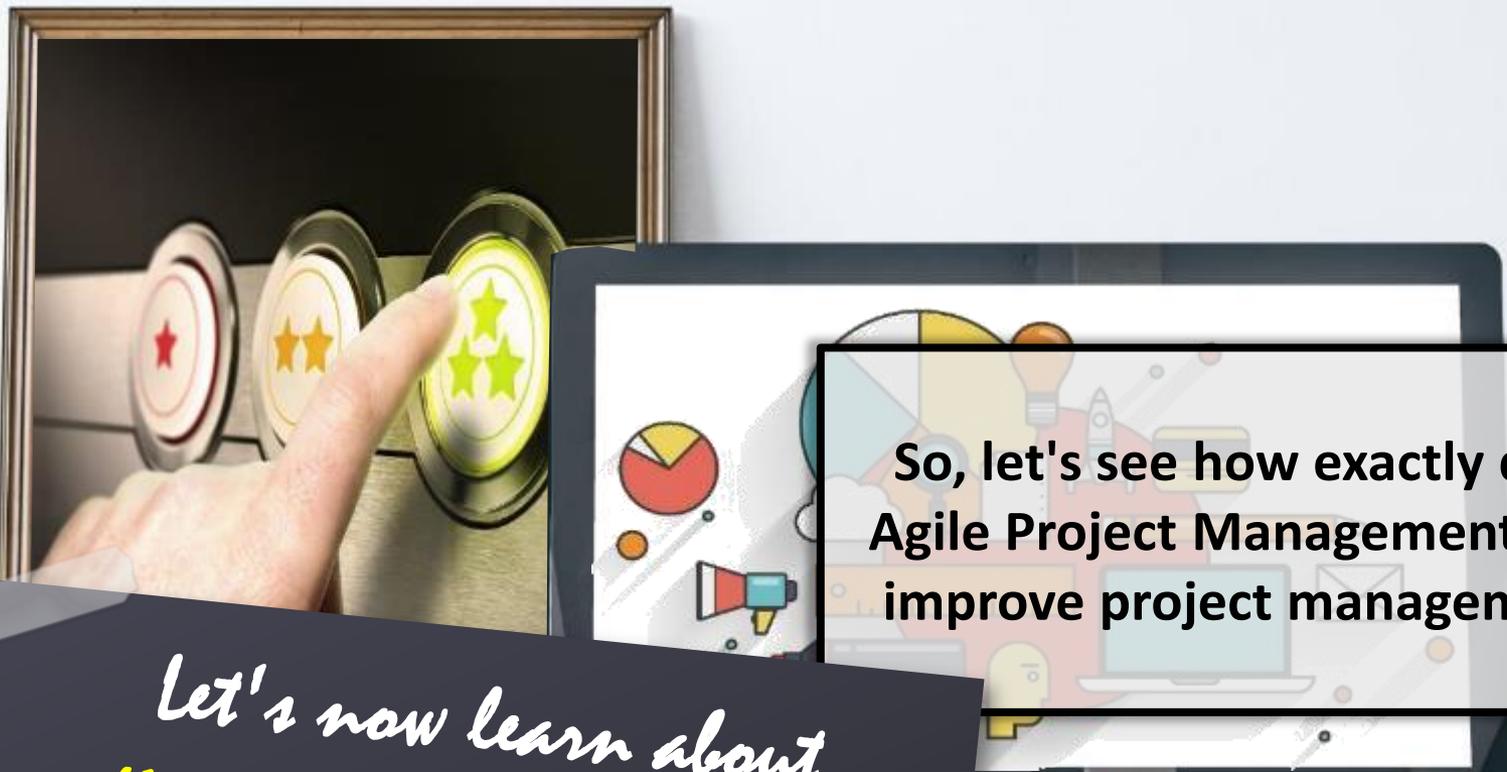
As you have seen, the kind of problems that Kate is facing is something that all project managers face while managing projects.

Introduction



Agile Project Management has helped the management to carry out projects in a cost-effective and timely manner with a focus on quality.

Introduction



So, let's see how exactly does Agile Project Management help improve project management.

Let's now learn about
*'Introduction to Agile
Project Management'* in
further detail.

Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

What is Agile Project Management?



- **Agile Project Management is a value-driven methodology to deliver highest-quality of work to clients on-time**
- **Splits huge projects into iterations**

What is Agile Project Management?



- **Small iterations of product are defined, developed and tested in short period**
- **Iterations improve the working deliverables to meet client's requirements**

What is Agile Project Management?



- **An agile project produces and delivers work in short bursts or sprints**
- **In an Agile Project Management, designers, developers and business people work together simultaneously**

Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Agile Manifesto

“



The Agile Manifesto is made up of 12 supporting principles and 4 foundational values which guides the Agile methodology for software development.

Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Agile Values

Agile Project Management comprises of the four values in different manners, but they depend on the four values as the guiding principle for the development and delivery of functioning, high-quality product.

Working software over
comprehensive documentation

Responding to change over
following a structured plan

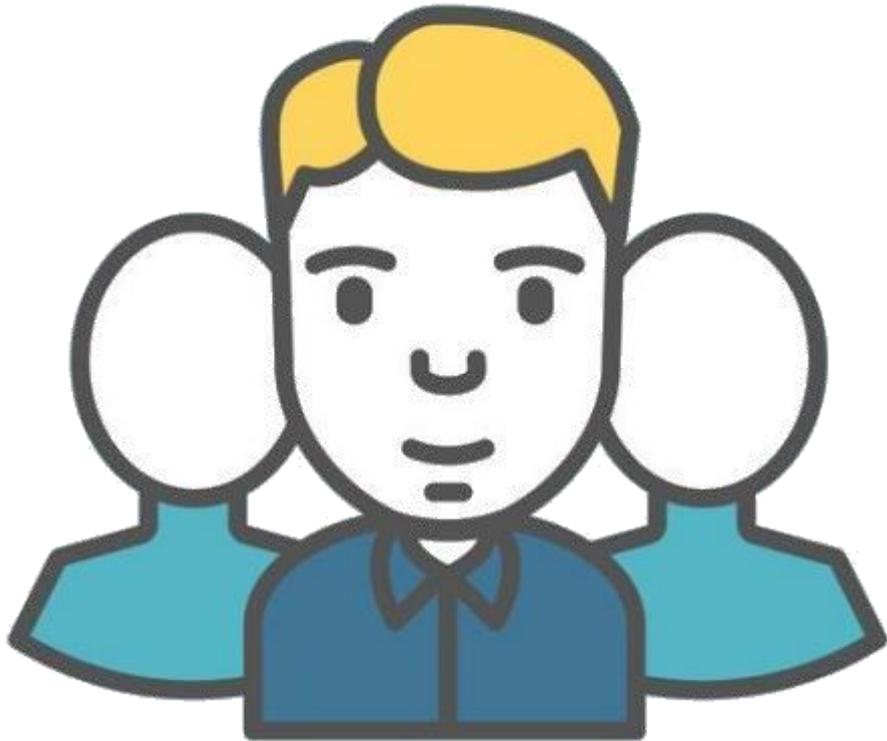


Individuals and interactions
over processes and tools

Customer collaboration
over contract negotiation

Click each 'gear' to learn more.

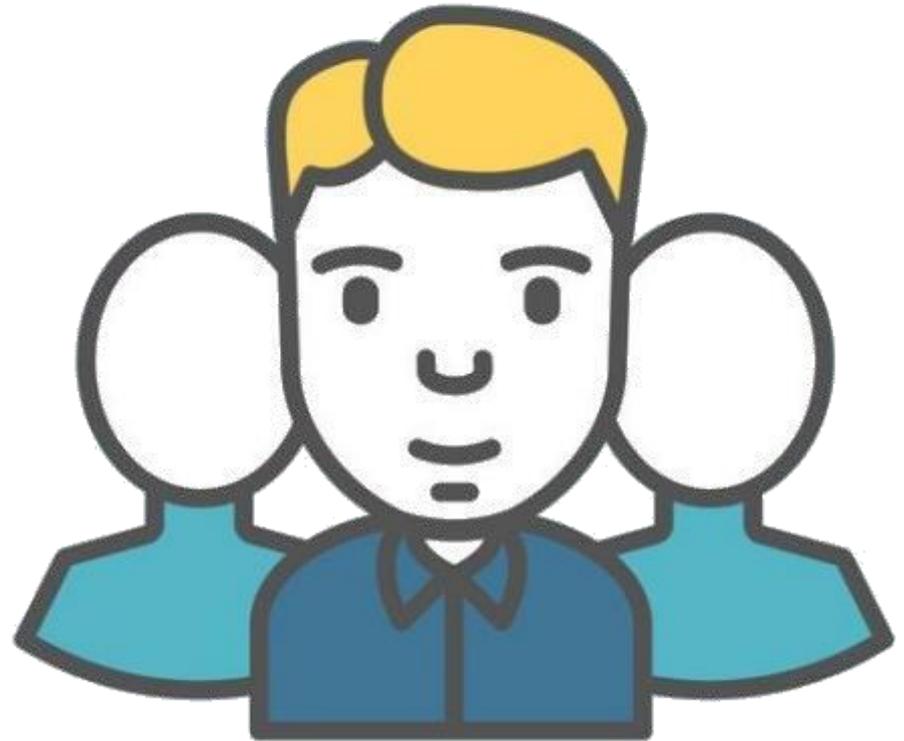
Individuals and interactions over processes and tools



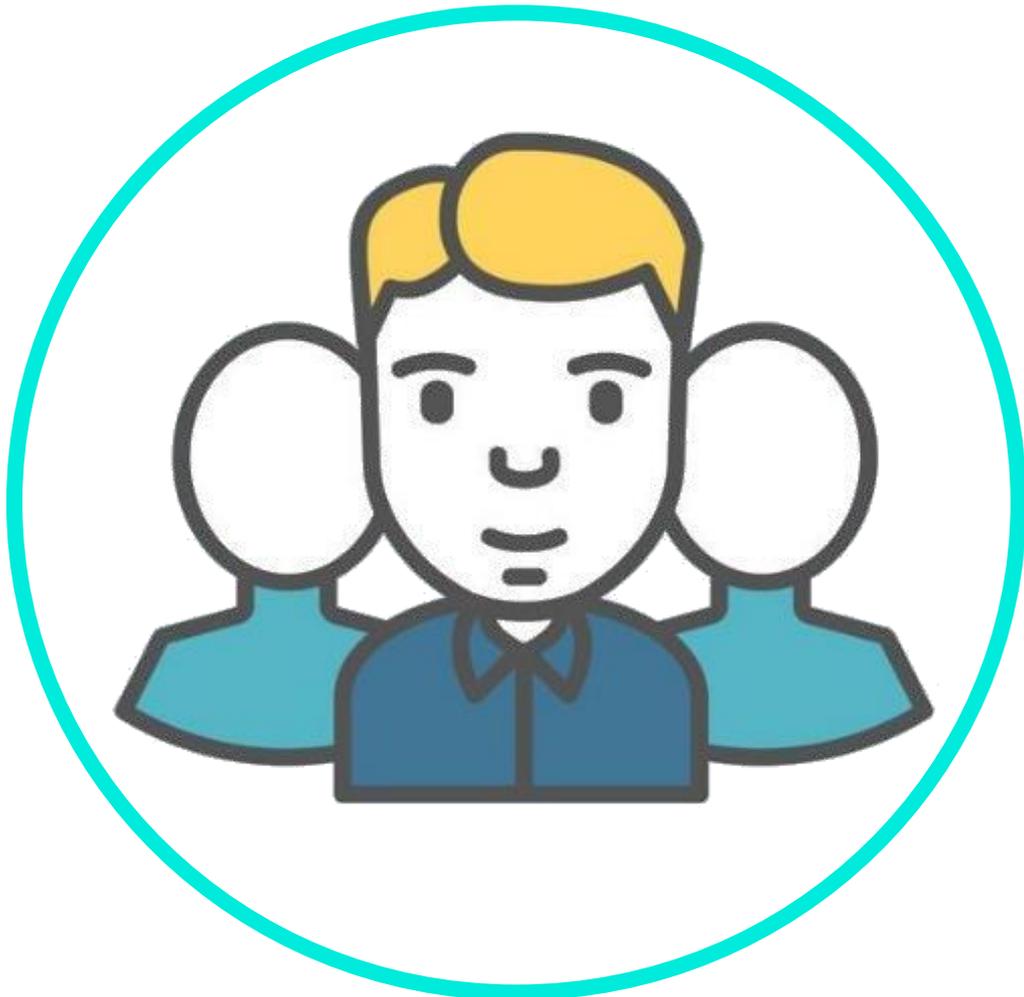
- **People are more important than processes or tools**
- **People work to meet the project requirements**

Individuals and interactions over processes and tools

- **High performing, engaged, accountable teams accomplish objectives with focus on sharing information, team communication, and learning from feedback**



Individuals and interactions over processes and tools



- People are more receptive to change and more likely to meet customer requirements

Click '**Back**' button to go back to main screen.



Working software over comprehensive documentation



- In traditional project management, more time is spent on documenting and getting the approvals from clients

Working software over comprehensive documentation

- Agile streamlines the documentation process, to provide the developer with the relevant data to complete his work without getting overloaded with extensive amount of data



Working software over comprehensive documentation

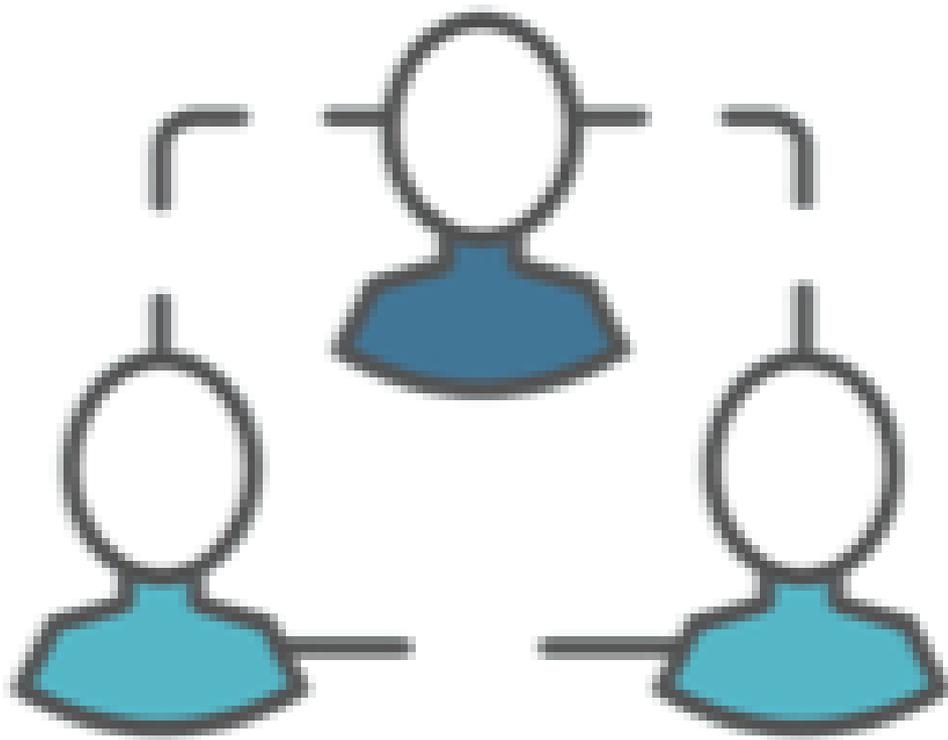


- Agile process stresses on delivering a working prototype for client that can reworked to fulfil client's requirements than on providing detailed documentation

Click '**Back**' button to go back to main screen.



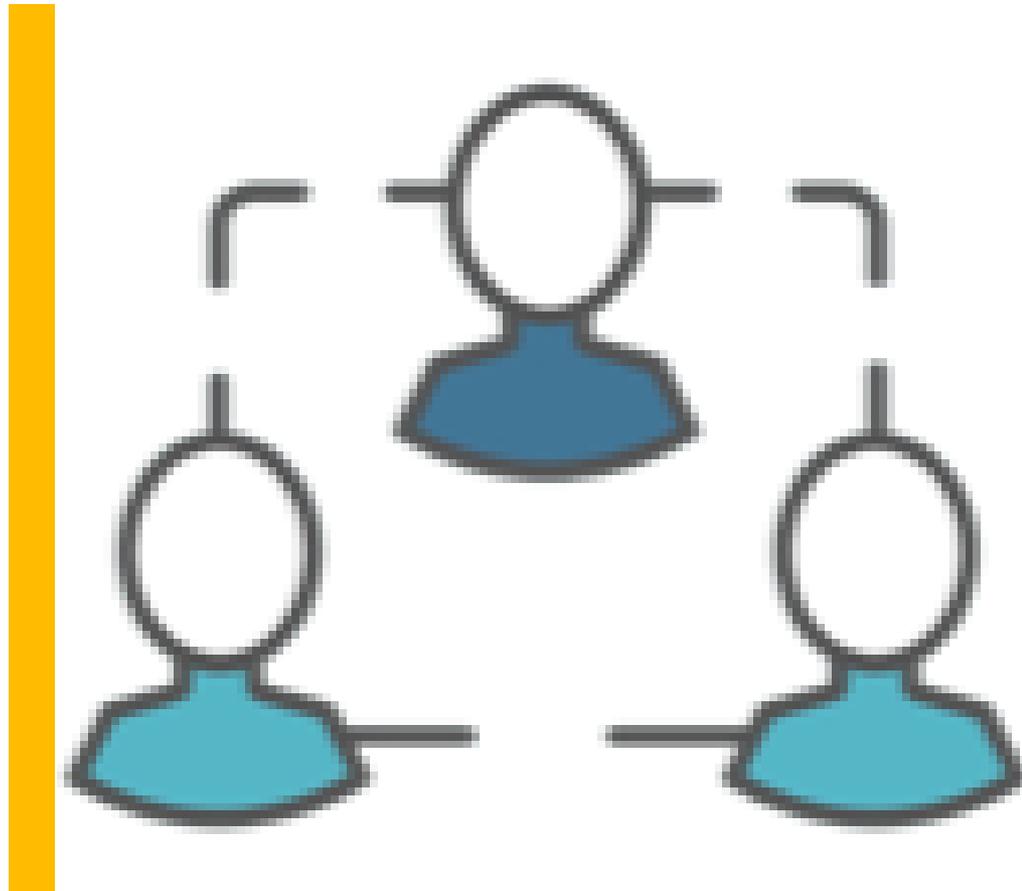
Customer collaboration over contract negotiation



- In traditional development models, requirements for product is often negotiated with client
- Client is not involved during the process of development

Customer collaboration over contract negotiation

- Agile project promotes collaborative working between team working on project and the client
- Client is involved with the team, providing constant and regular feedback on deliverables and product



Customer collaboration over contract negotiation



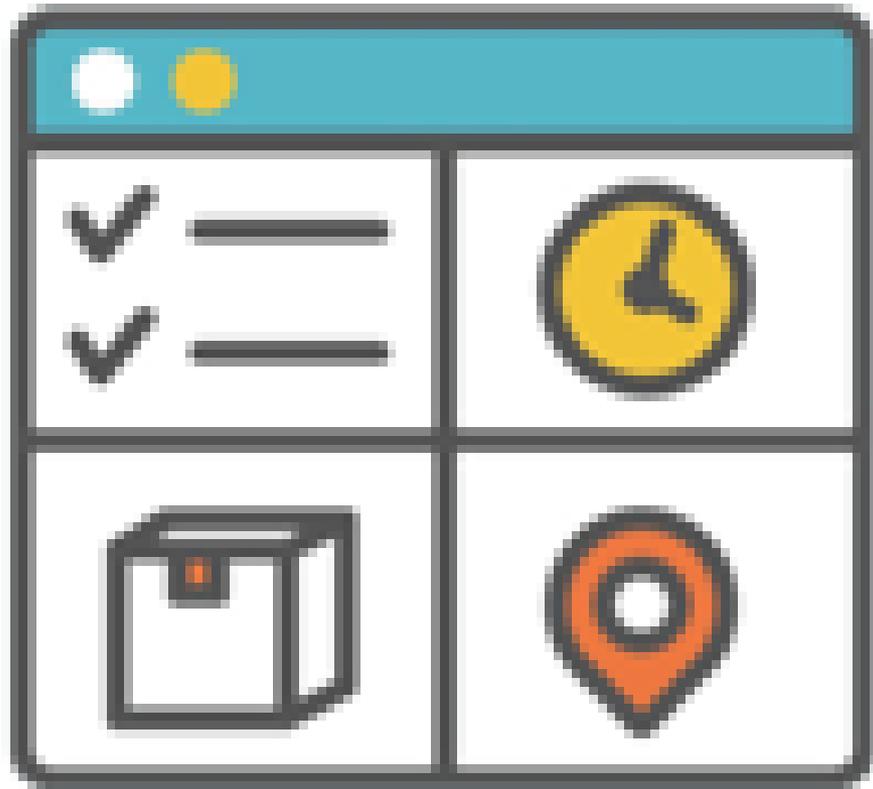
- Client feedback makes it easier for development team to meet his requirements
- Agile focuses on quality, customer satisfaction, teamwork, and effective management

Click '**Back**' button to go back to main screen.



Agile Values

Responding to change over following a structured plan

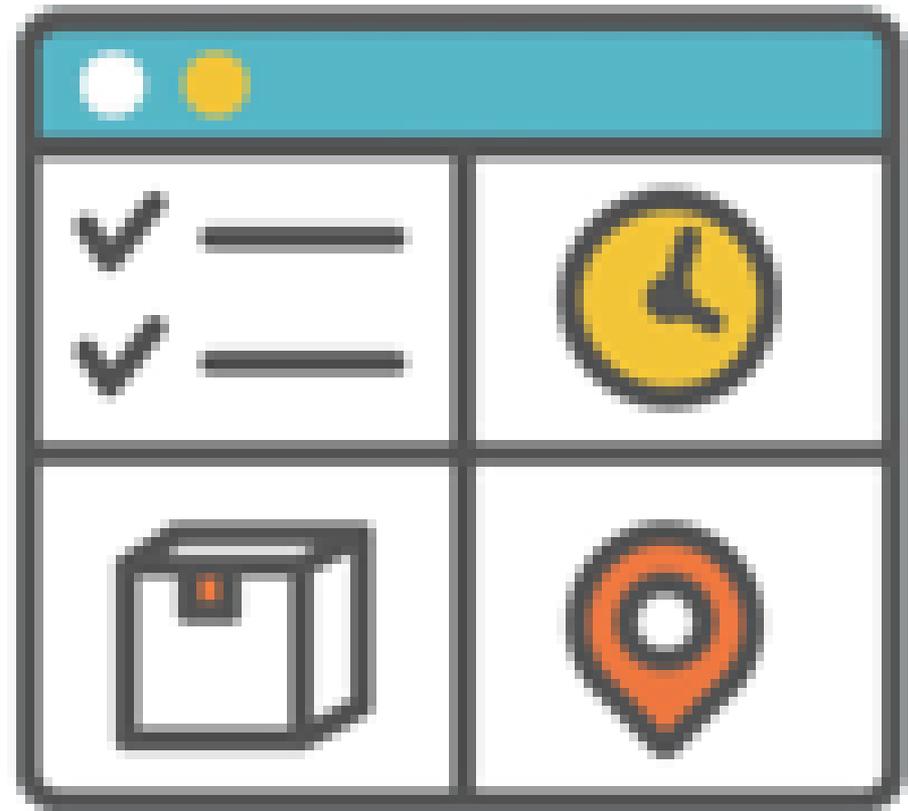


- Agile methods combines planning with execution.

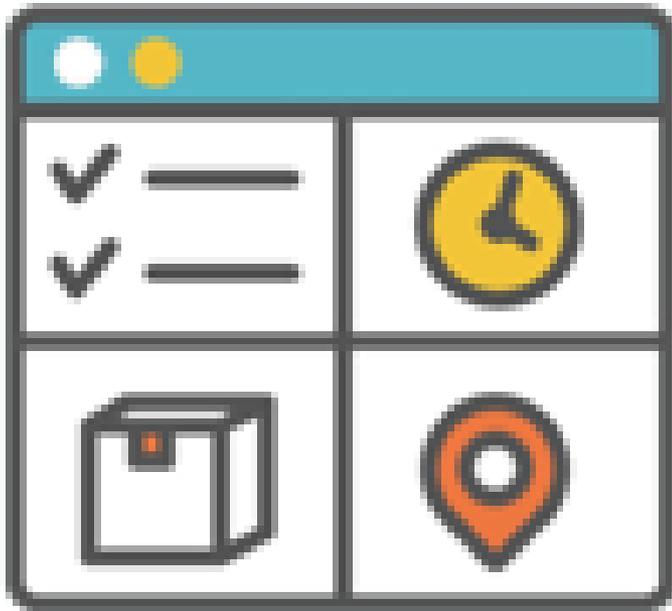
Agile Values

Responding to change over following a structured plan

- Agile creates a working attitude that helps team to efficiently integrate changes in requirements



Responding to change over following a structured plan



- In Agile, the small iterations help in adding new features into next iteration
- Changes provide additional value and help in improving the project

Click the icon,
to learn more.

TIP!

Tip!

Sprint should always be fast-paced and so team meetings should be held as 'Stand-up' meetings to save time and keep the work moving fast.



MCQ

Q. Which of the following is not an Agile Value?

- Individuals and interactions over processes and tools**
- Working software over comprehensive documentation**
- Contract negotiation over customer collaboration**
- Responding to change over following a structured plan**

Click on the radio button to select the correct answer!



'Contract negotiation over customer collaboration' is not an Agile Value.

- Q. Which of the following is not an Agile Value?
- Individual and team interactions
 - Working together to help each other
 - Collaboration with customers
 - Responding to change over following a plan

[Click here to continue!](#)



Q. Which of the following is not an Agile Value?

- Individual and team interactions
- Work over documents
- Collaboration
- Responding to change over following a plan

'Contract negotiation over customer collaboration' is not an Agile Value.

[Click here to continue!](#)

Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Agile Principles

The twelve principles of agile development include:

1

7

2

8

3

9

4

10

5

11

6

12

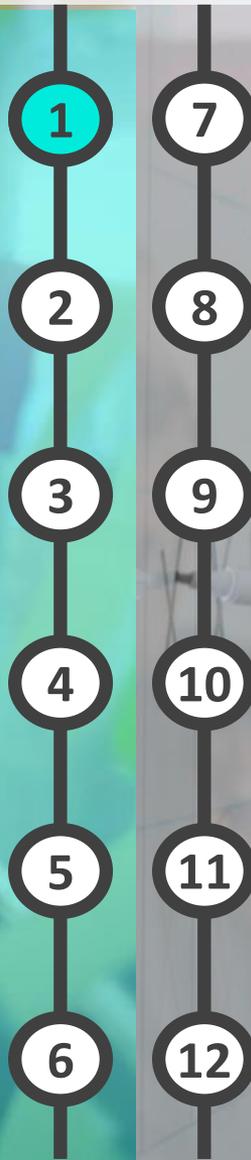
Click each 'number' to learn more.

Agile Principles

Click **'Back'** button to go back to main screen.

Back

- Regular delivery of working software:
 - It is possible to regularly deliver a working software in shorter time frame, as the team works on small sprints or iterations.

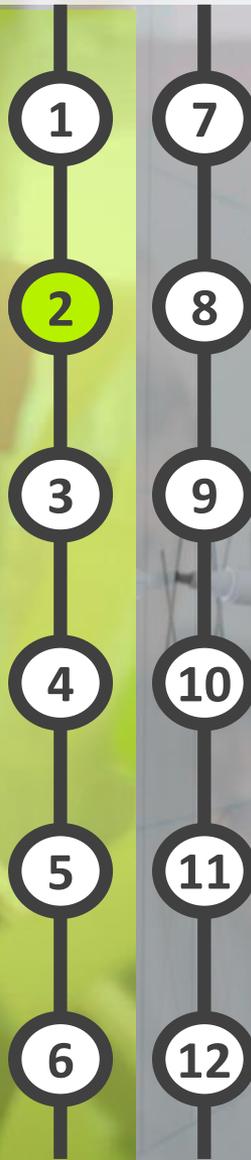


Agile Principles

Click **'Back'** button to go back to main screen.

Back

- **Motivate, support and trust the people involved:**
 - **Trust-worthy and motivated teams are more likely to deliver their best work. Give the teams an environment and support they need, and trust them to get the job done.**



Agile Principles

Click **'Back'** button to go back to main screen.

[Back](#)

- Agile processes promotes consistent development pace:
 - Teams establish a repeatable and constant pace at which they can deliver working software.

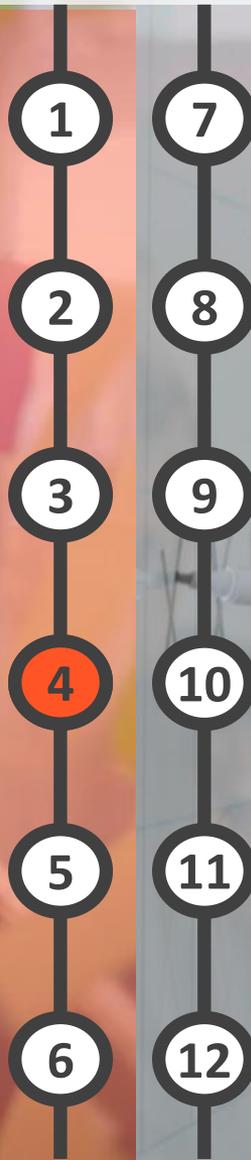


Agile Principles

Click '**Back**' button to go back to main screen.

[Back](#)

- **Self-organizing teams** inspires the best designs, architectures and requirements:
 - **Skilled and motivated team who take ownership, have decision-making power, communicate regularly and share ideas that deliver quality products.**

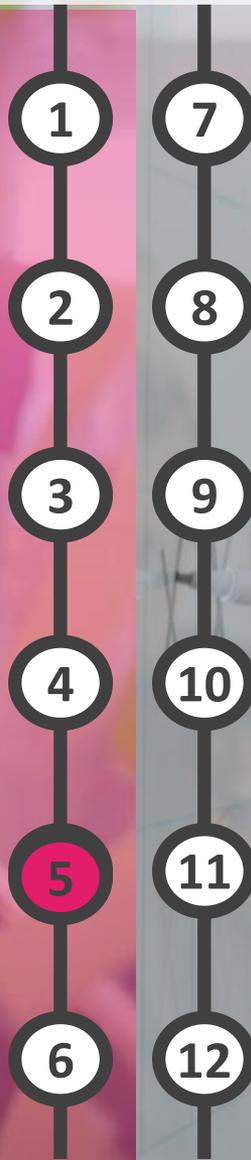


Agile Principles

Click **'Back'** button to go back to main screen.

Back

- **Customer satisfaction through rapid and continuous delivery of valuable software:**
 - **Clients are more satisfied and happy when they get working software at regular intervals, as opposed to waiting for long durations between releases.**

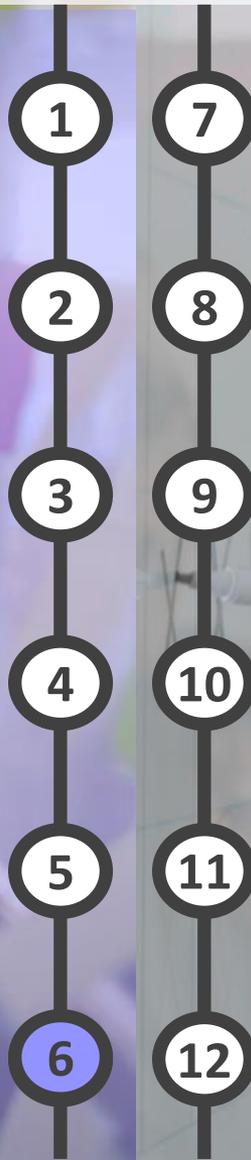


Agile Principles

Click **'Back'** button to go back to main screen.

Back

- **Functional and working software is the primary measure of progress:**
 - **The ultimate factor that measures progress is delivering a working and functional software to the client.**



Agile Principles

Click **'Back'** button to go back to main screen.

[Back](#)

1

7

2

8

3

9

4

10

5

11

6

12

- Regular reflections on how to become more effective:
 - Self-improvement, process improvement, advancing skills, and techniques help team members work more efficiently.

Agile Principles

Click **'Back'** button to go back to main screen.

[Back](#)

1

7

2

8

3

9

4

10

5

11

6

12

- **Accommodate changing requirements throughout the development process:**
 - **Agile's processes harness the ability to avoid delays when a feature or requirement is changed.**

Agile Principles

Click **'Back'** button to go back to main screen.

Back

1

7

2

8

3

9

4

10

5

11

6

12

- **Constant attention to design enhancements and technical detail:**
 - **The correct skills and good design confirms that the team can maintain the tempo, continuously improve the product, and sustain change.**

Agile Principles

Click **'Back'** button to go back to main screen.

[Back](#)

1

7

2

8

3

9

4

10

5

11

6

12

- **Collaboration between the clients and developers throughout the project:**
 - **Close, daily cooperation between clients and developers throughout the project ensures that better decisions are made when the business and technical team are aligned.**

Agile Principles

Click '**Back**' button to go back to main screen.

[Back](#)

1

7

2

8

3

9

4

10

5

11

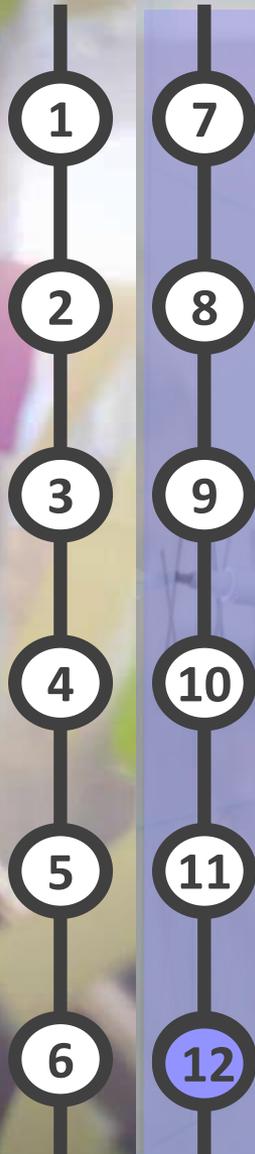
6

12

- **Simplicity:**

- **The art of developing the correct amount of work to get the job done is essential.**

Agile Principles



- **Enable face-to-face interactions:**
 - **The most effective and efficient method of communication when the development teams conduct face-to-face conversation.**

TIP!

Click the icon,
to learn more.

Tip!

The most efficient way to manage an agile project is to continuously gain client feedback and implement through rapid iterations.



MCQ

Q. Which of the following is not an Agile Principle?

- Motivate, support and trust the people involved**
- Customer satisfaction through rapid and continuous delivery of valuable software**
- Collaboration between the clients and developers throughout the project**
- Accommodate changing requirements at the alpha testing phase**

Click on the radio button to select the correct answer!



**'Accommodate
changing
requirements at
the alpha testing
phase'** is not an
Agile Principle.

Q. Which of the following is not an Agile Principle?

Motivational activities that involve the customer

Customer collaboration throughout the project

Collaborate with the customer throughout the project

Accommodate changing requirements at the alpha testing phase

the

[Click here to continue!](#)



Q. Which of the following Agile Principles is not an Agile Principle?

- Motivational activities involving customers
- Customer collaboration with the team
- Collaborate with the customer
- Accommodate changing requirements at the alpha testing phase.

'Accommodate changing requirements at the alpha testing phase' is not an Agile Principle.

the

[Click here to continue!](#)

Real Life Example

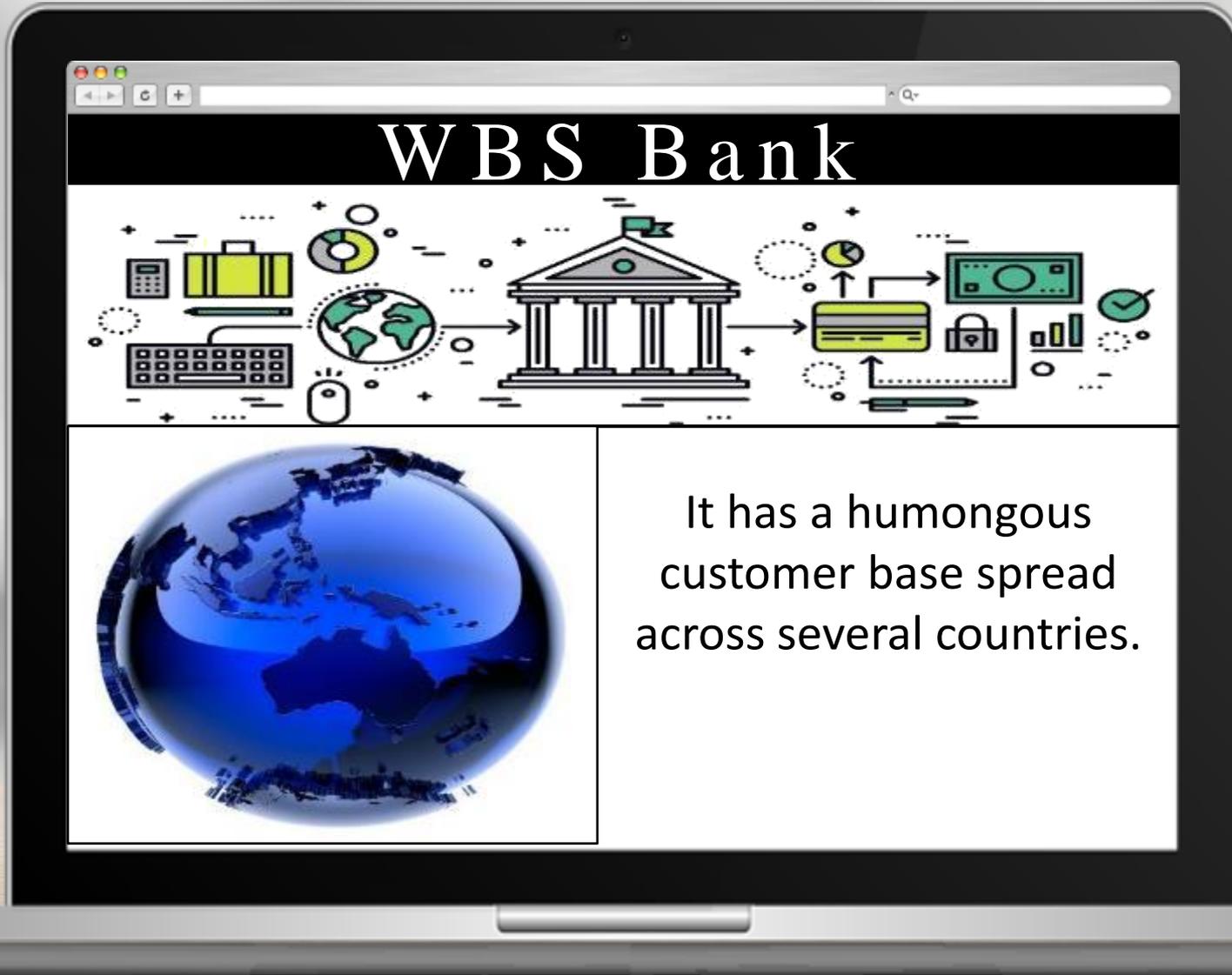
Let us now look at a real life example to understand the importance of Agile Project Management.

Real Life Example



WBS bank is a leading provider of financial services and products.

Real Life Example



Real Life Example



Recently, an internal technology assessment brought out a new finding for WBS banks management.

Real Life Example



They found that the technology used in Internet banking transactions and Mobile app transaction is not very sound.

Real Life Example



Real Life Example



WBS Bank's Management thought about what they could do to make their software robust and secure.

Real Life Example

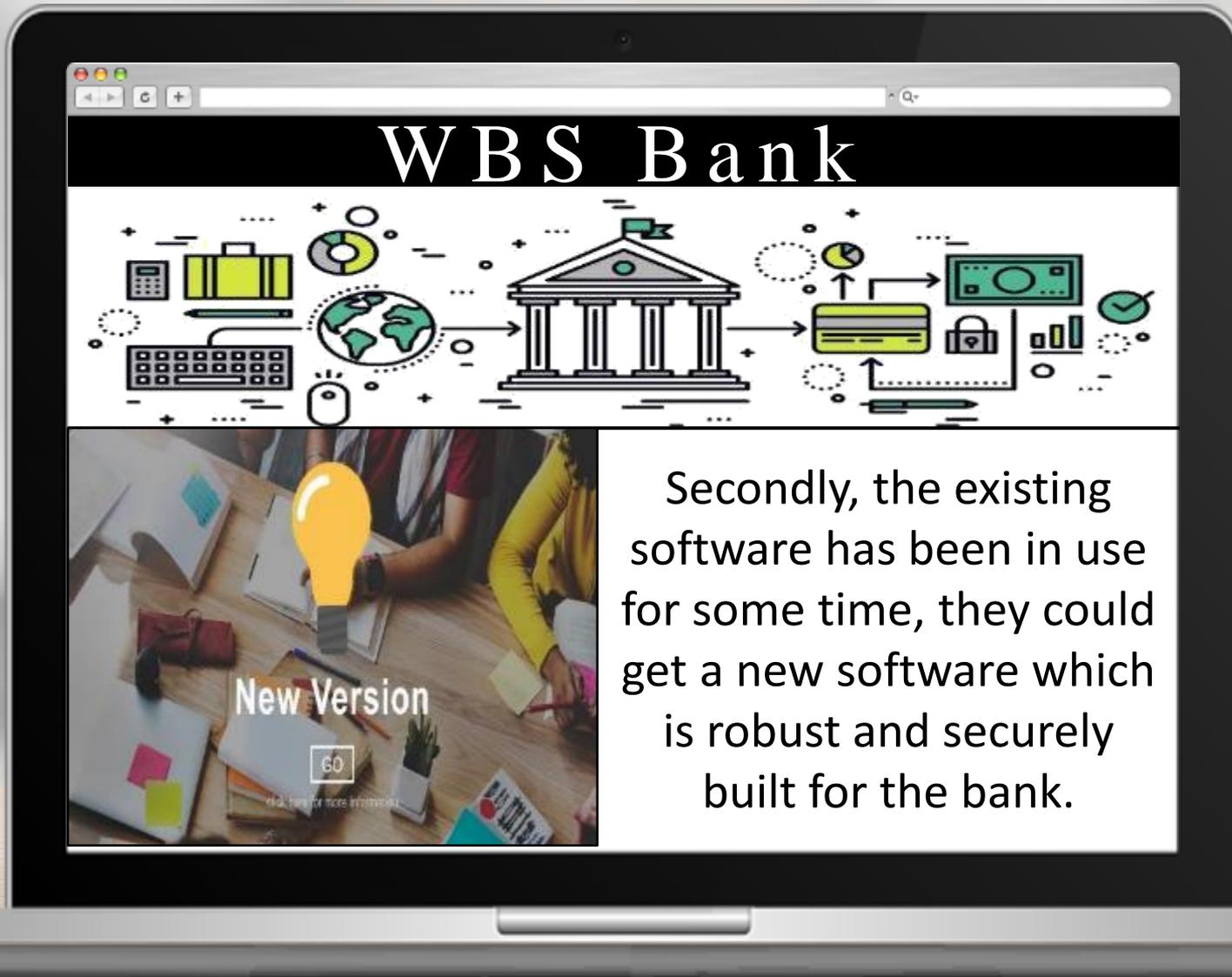


Real Life Example



One, they could try to fix and enhance the security of their existing software itself.

Real Life Example

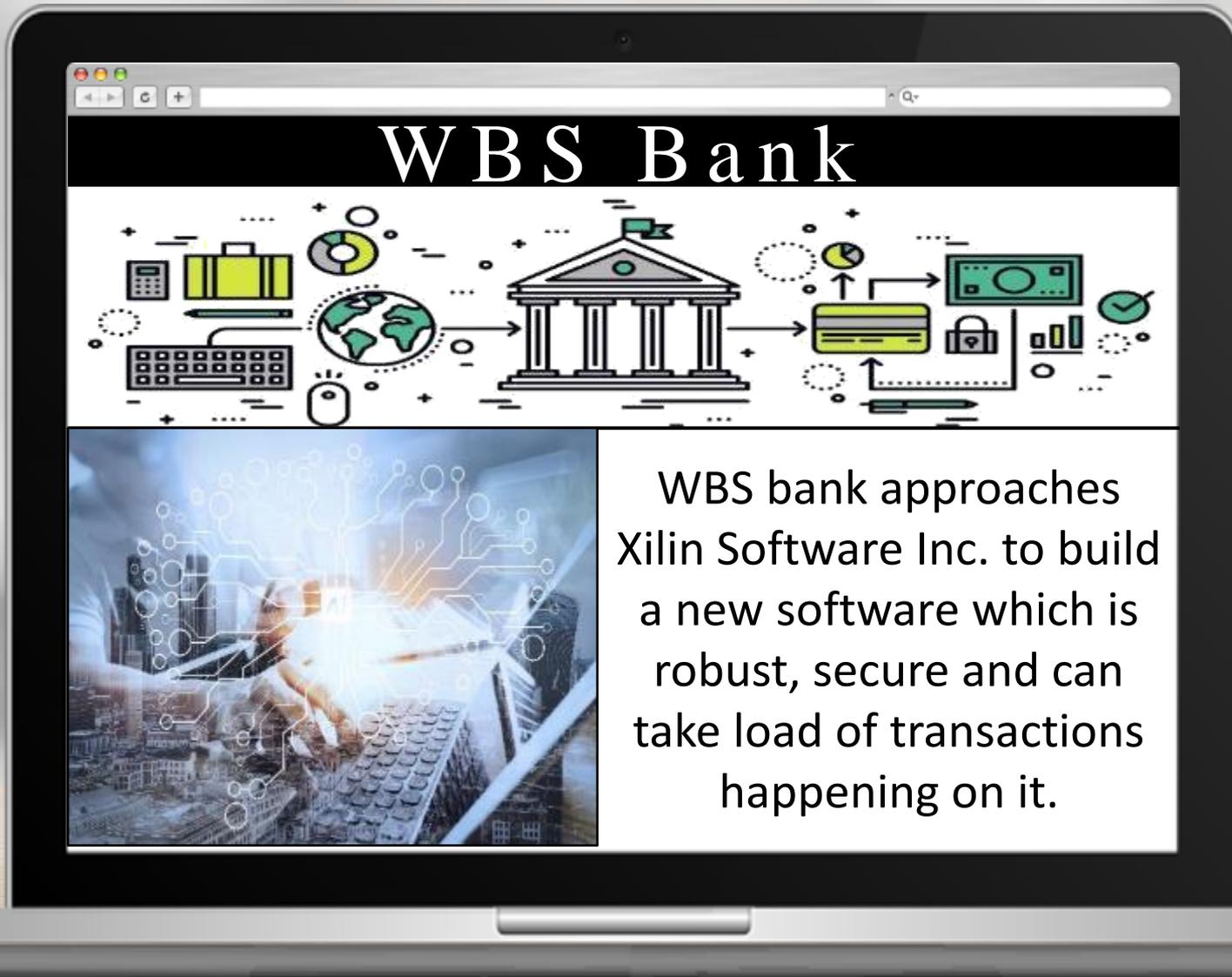


Real Life Example



All the members of the Management and Board voted unanimously for building a new software for the bank.

Real Life Example

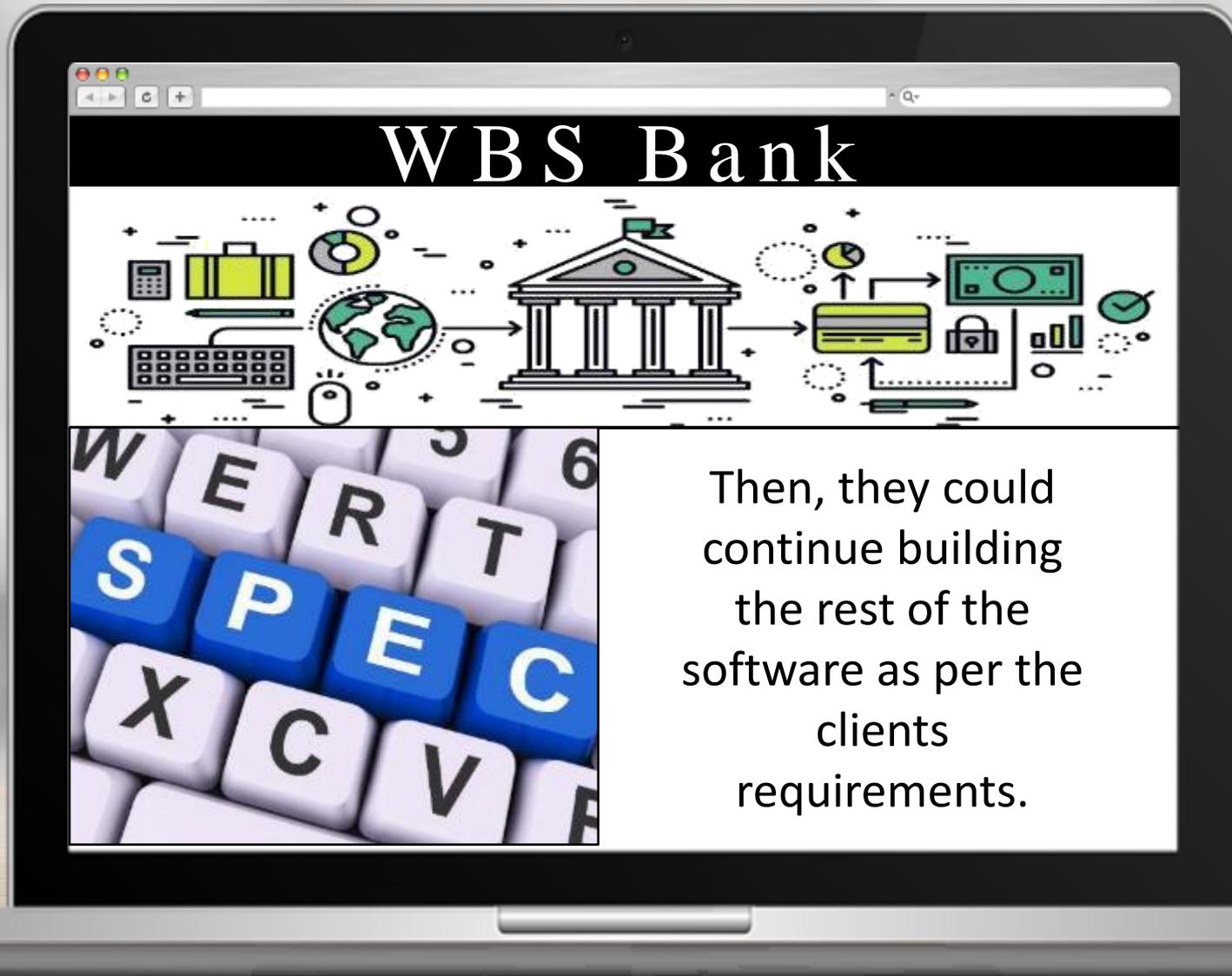


WBS bank approaches Xilin Software Inc. to build a new software which is robust, secure and can take load of transactions happening on it.

Real Life Example

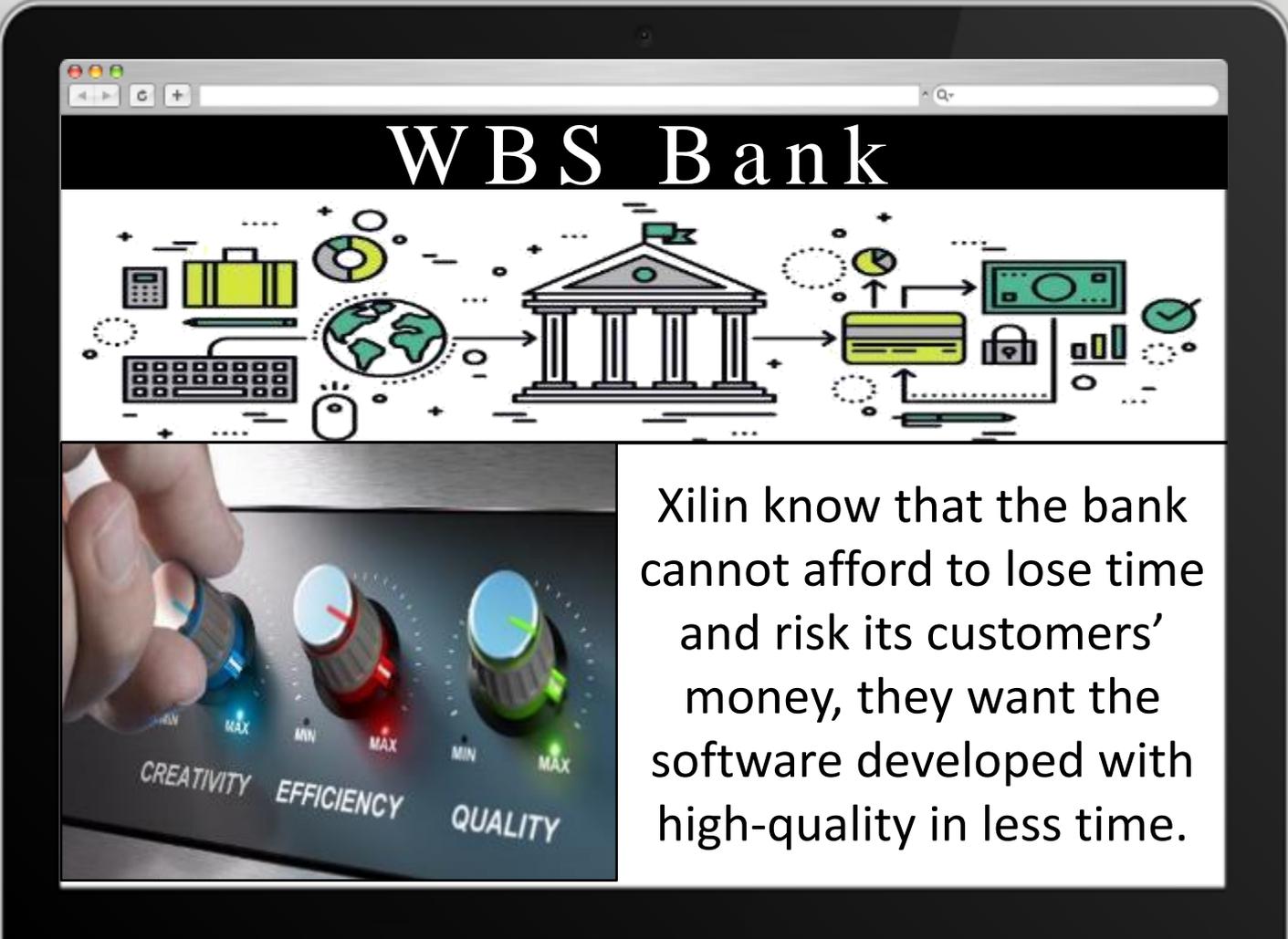


Real Life Example



Then, they could continue building the rest of the software as per the clients requirements.

Real Life Example



The image shows a laptop screen displaying a website for "WBS Bank". The website header features the bank's name in a large, white, serif font on a black background. Below the header is a horizontal banner with various financial and business icons, including a calculator, a briefcase, a globe, a classical building, a credit card, a padlock, and a bar chart. In the bottom left corner of the screen, there is a control panel with three knobs labeled "CREATIVITY", "EFFICIENCY", and "QUALITY". Each knob has a "MIN" and "MAX" indicator. A hand is shown adjusting the "CREATIVITY" knob. To the right of the control panel, there is a text box with the following text:

Xilin know that the bank cannot afford to lose time and risk its customers' money, they want the software developed with high-quality in less time.

Real Life Example

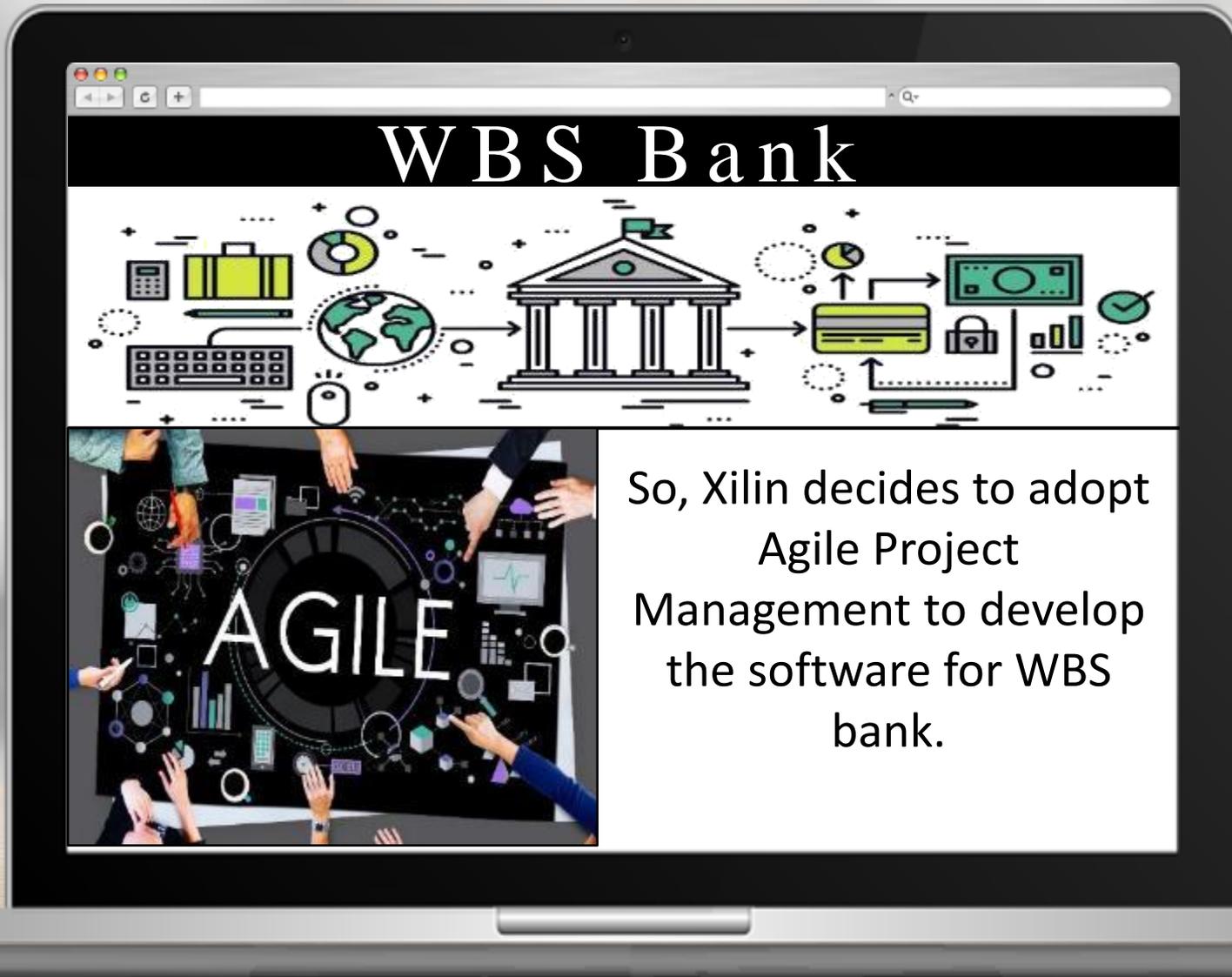


Also, WBS bank is not very sure about all their requirements at the start itself.

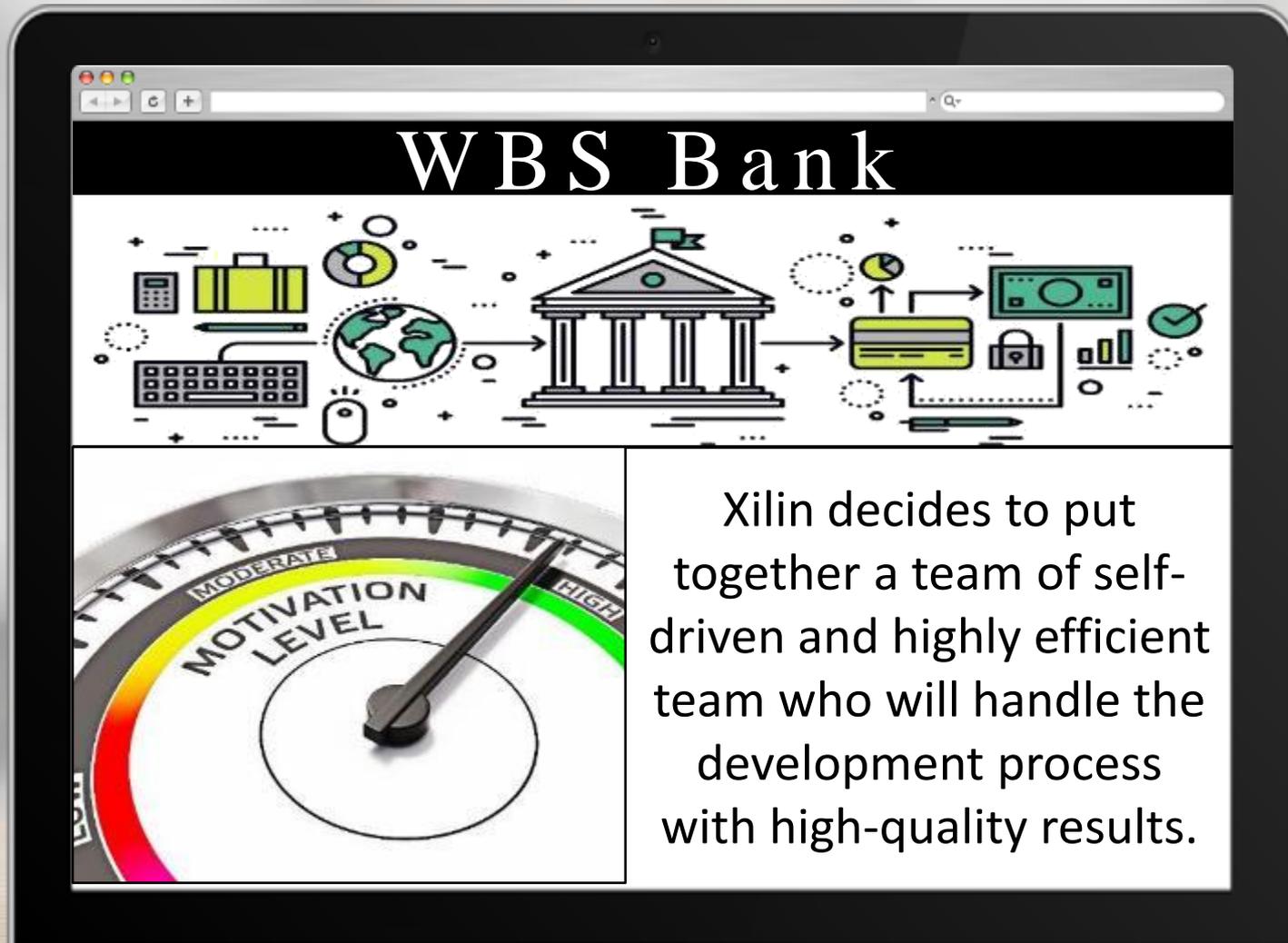
Real Life Example



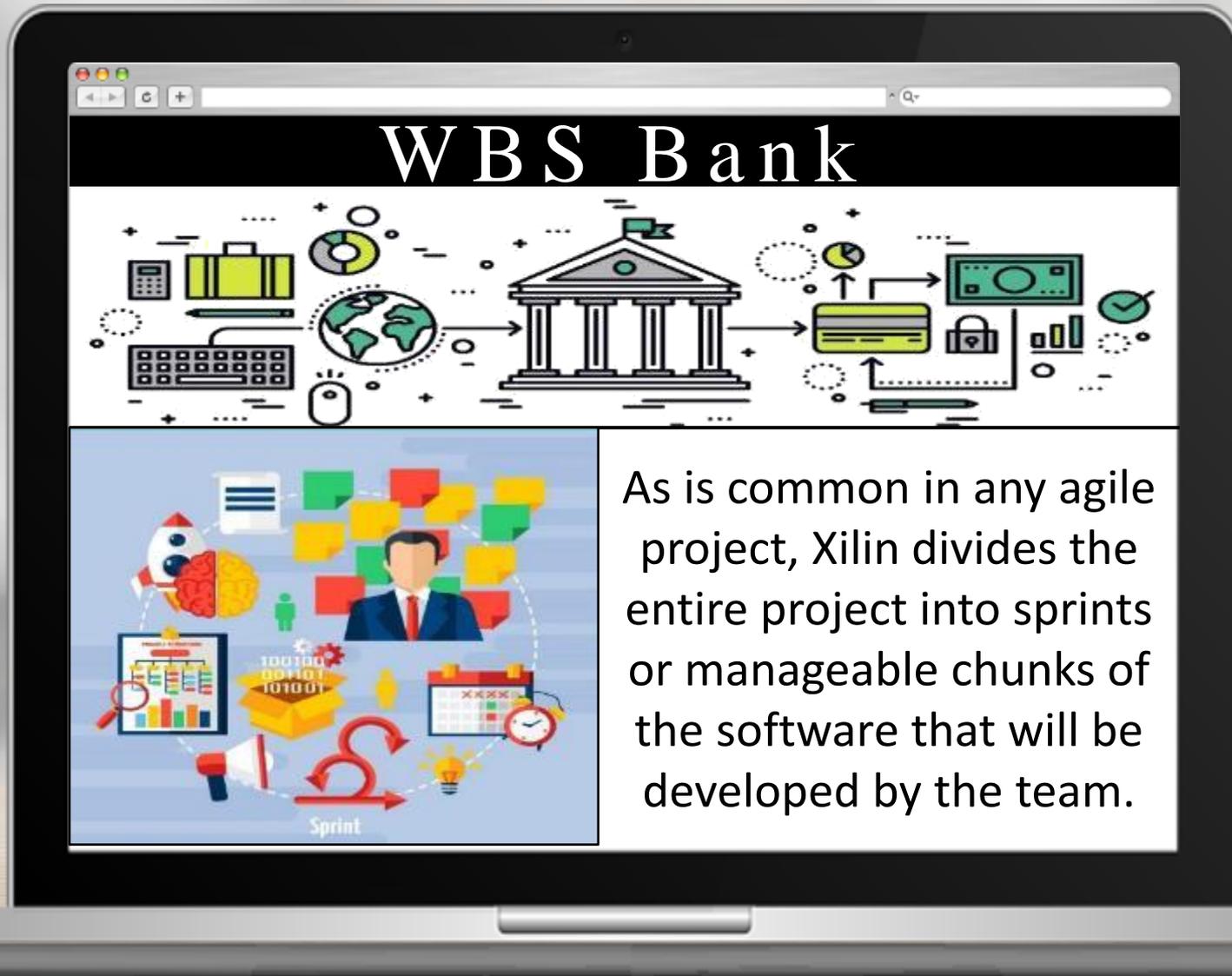
Real Life Example



Real Life Example



Real Life Example



Real Life Example



Real Life Example



Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Role of Leaders in Agile Project Management



A major characteristic of effective agile teams is clear expectations set by leaders about the roles played by each team member.

In such a team, action is taken and clear assignments are made.

These roles are delegated by the leader and are duly accepted as well as carried out.

Role of Leaders in Agile Project Management



Leaders have to ensure that work needs to be distributed fairly among team members, as per each person's skill and capability.

The leader should clarify each work area and smoothen out the way for each of the team members.

This way it will be easier for the team to achieve its objectives by making use of allocated time.

Role of Leaders in Agile Project Management

The leader needs to have the ability to give clear assignments in each work area such as follows:

Work
Methods

Work
Responsibility

Work
Priorities

Resources

Time
Frames

Customer/
Supplier
Interface

Performance
Expectations

Click each 'label' to learn more.

Role of Leaders in Agile Project Management

Click **'Back'** button to go to main screen.

Back

- **Work Methods:**

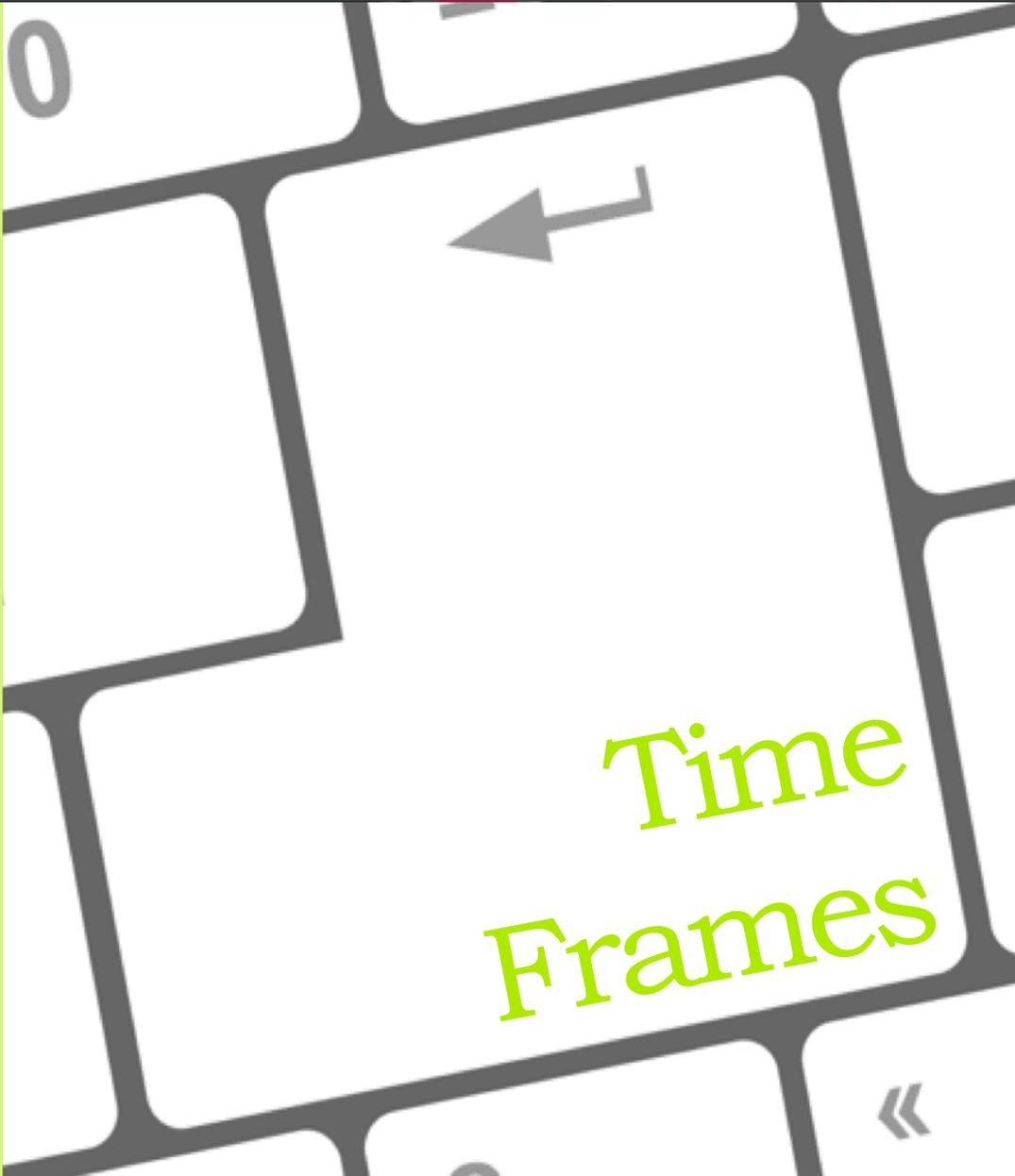
- Each team member needs to understand the leader's expectations regarding required work methods as well as procedures.
- This is with regards to each job of the agile project.

Work
Methods



Role of Leaders in Agile Project Management

- **Time Frames:**
 - It is vital to understand the due dates for the completion of agile projects. Determine when the dates have slipped and which completion dates are final and non-negotiable.
 - This is because each task is connected to another in an agile team.



Time
Frames

Role of Leaders in Agile Project Management

- **Time Frames:**

- It is vital to understand the due dates for the completion of agile projects. Determine when the dates have slipped and which completion dates are final and non-negotiable.
- **A delay in one task leads to a delay in the complete project. This way no organization will be able to meet its deadlines leading to huge losses for the company.**
- This is because each task is connected to another in an agile team.

Click 'Back' button to go to main screen.

Back

Role of Leaders in Agile Project Management

Click 'Back' button to go to main screen.

Back

- **Work Responsibilities:**
 - Each team member's role is to be clearly understood when they are assigned to a given job or responsibility.
 - This is very important else too much time will be spent due to wrong communications reaching team members.

**Work
Responsibility**



Role of Leaders in Agile Project Management

- **Client Interface:**
 - Understand the leader's expectations while dealing with client problems.
 - Similarly, the client complaints or requests need to be handled by each team member as per the organization's policies.
 -



**Customer
/Supplier
Interface**

Role of Leaders in Agile Management

- Client Interface:

- Understand the leader's expectations while dealing with client problems.

- **After all, effective relationships have to be built with other work groups in order to achieve the full potential of the team.**

- Similarly, the client complaints or requests need to be handled by each team member as per the organization's policies.

Click 'Back' button to go to main screen.



Back

Role of Leaders in Agile Project Management

- **Work Priorities:**
 - Each person as well as each team will be loaded with a huge amount of work.
 - It is important for each team member to understand which jobs take priority at that particular moment.



**Work
Priorities**

Role of Leaders in Agile Project Management

- **Work Priorities:**
 - Each person as well as each team will be loaded with a huge amount of work.
- **Besides, changes in work priorities also take place due to changing project circumstances.**
- **It is important to be able to clearly differentiate between hot jobs and other jobs.**
 - It is important for each team member to understand which jobs take priority at that particular moment.

Click 'Back' button to go to main screen.



Role of Leaders in Agile Project Management

- **Performance Expectations:**
 - Understand what the leader expects in the way of desired outcomes.
 - At this point in time, open communication is vital.
 - Understand what it means to do a good job as per the leader's expectations.



Role of Leaders in Agile Project Management

- Performance Expectations:
 - Understand what the leader expects in the way of desired outcomes.
- **Then list down the degree of effort that is expected to be put into a task.**
- At this point in time, open communication is vital.
- **It is important to avoid overworking on low-priority tasks, as that will not help in realizing the agile project's objectives.**
- Understand what it means to do a good job as per the leader's expectations.

Click 'Back' button to go to main screen.

Back

Role of Leaders in Agile Project Management

- **Resources:**
 - Each agile team always has limited resources.
 - The aim is to achieve the maximum with the minimum resources.
 - Understand what resources have been allocated to perform a project task.

A close-up photograph of a computer keyboard. The keys are white with dark grey borders. The word "Resources" is printed in a blue, sans-serif font on one of the keys. Other visible keys include a number "0", a left-pointing arrow, and a double-left arrow. The background is slightly blurred, showing more of the keyboard and some colorful elements at the top.

Resources

Role of Leaders in Agile Project Management

- **Resources:**
 - Each agile team always has limited resources.
- **These resources may include things such as time, support staff, equipment, software, as well as budget.**
 - maximum with the minimum resources
- **Also understand how much control the team has over resource decisions.**
 - Understand what resources have been allocated to perform a project task.

Click 'Back' button to go to main screen.



Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Tips for Managing Diversity in an Agile Team

The following are a few tips for managing diversity in an agile team:

Click each **letter** to learn more.

Tips for Managing Diversity in an Agile Team

Click 'Back' to go to main screen.

Back

T

I

P

S

Identify the importance of contributions and the people who contribute

Tips for Managing Diversity in an Agile Team

Click **'Back'** to go to main screen.

Back

Promote open and honest discussion of opinions

Tips for Managing Diversity in an Agile Team

Click 'Back' to go to main screen.

Back

Accept people with different ideas and approaches

Tips for Managing Diversity in an Agile Team



Support out-of-the-box thinking

Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Leadership in Agile Project Management

Leaders as Enablers



Sharing a Common Vision



Skills in Challenging the Existing Systems & Processes



Encouraging Qualities of Teamwork



Modelling High-quality Behaviour



*Click each **icon** to learn more.*

Leadership in Agile Project Management

- Agile Leaders as enablers play a crucial role in creating a culture of collaboration, empower teams to drive optimum performance by encouraging employee involvement in decision making and in developing high-performance agile teams.

Leaders as Enablers



Click **'Back'** to go to main screen.

Back

Leadership in Agile Project Management

- Agile leaders should be experts in articulating the agile vision, mobilizing the required support and involvement of their teams for the achievement of the ultimate agile project vision.
- They should be able to assess the opportunities and visualize the possibilities, communicate the same with others and gather their support and be able to align the individual goals with the organizational vision.

Sharing a Common Vision



Click **'Back'** to go
to main screen.



Leadership in Agile Project Management

- Successful agile leaders must have an extraordinary ability to anticipate the change, analyze the developments or changes in the agile project environment, capitalize the opportunities by taking proactive initiatives and be skilled in experimenting or taking risks.

Skills in Challenging the Existing Systems & Processes



Click **'Back'** to go
to main screen.

Back

Leadership in Agile Project Management

- Agile leaders motivate teams for achieving excellence in performance by appreciating & recognizing their contributions, sharing the success stories and achievements with the team members and celebrating the achievement of the common goals.

Encouraging Qualities of Teamwork



Click **'Back'** to go
to main screen.

Back

Leadership in Agile Project Management

- Agile leaders do have an extraordinary ability in personifying and representing the agile values before everyone and get the support of others in modelling the common values.
- They should be able to cite out success stories or live examples of how others have achieved success by endorsing the agile values and following it in their agile projects to drive high-quality.

Modelling High-quality Behavior

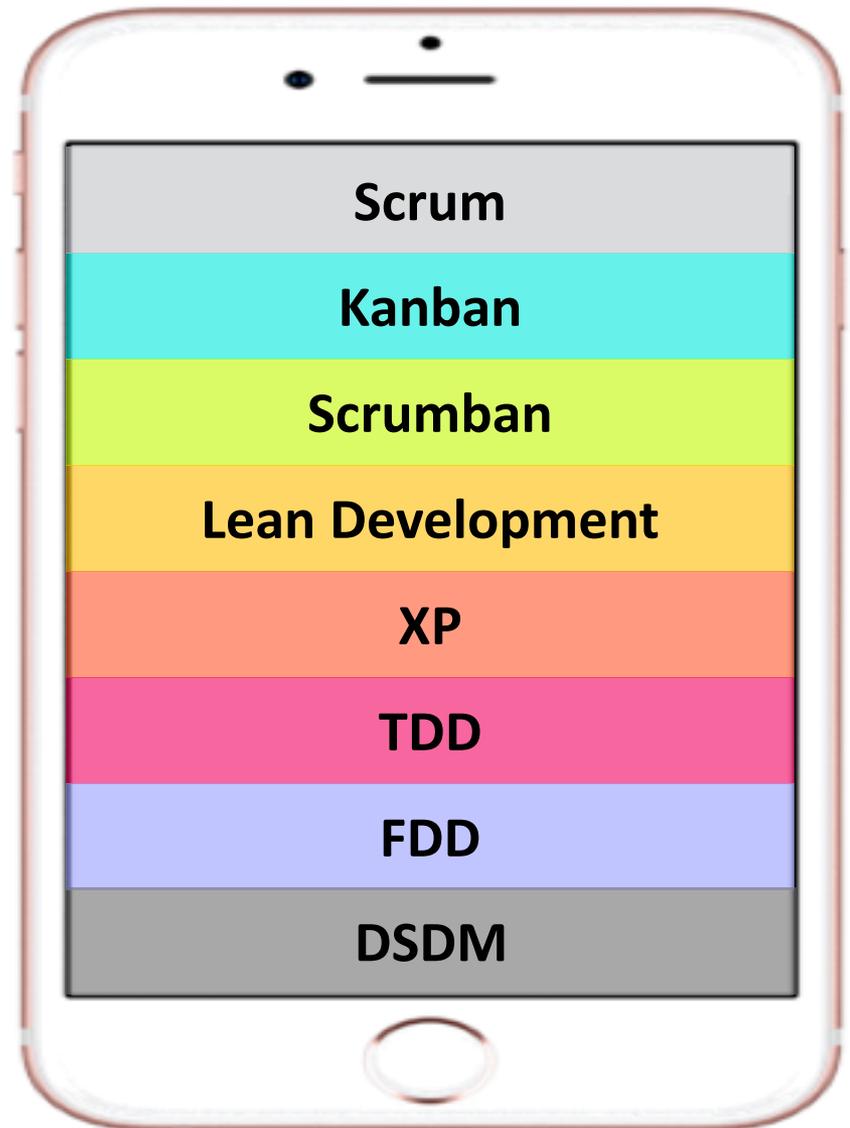


Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Agile Methodologies

Following are the various Agile Methodologies:



Click each **label** to learn more.

Agile Methodologies

Scrum

- **Scrum utilizes progressive and repetitive development model, with shorter length of cycles.**
- **Scrum is easy to execute and focuses on regular and faster deliveries.**



Agile Methodologies

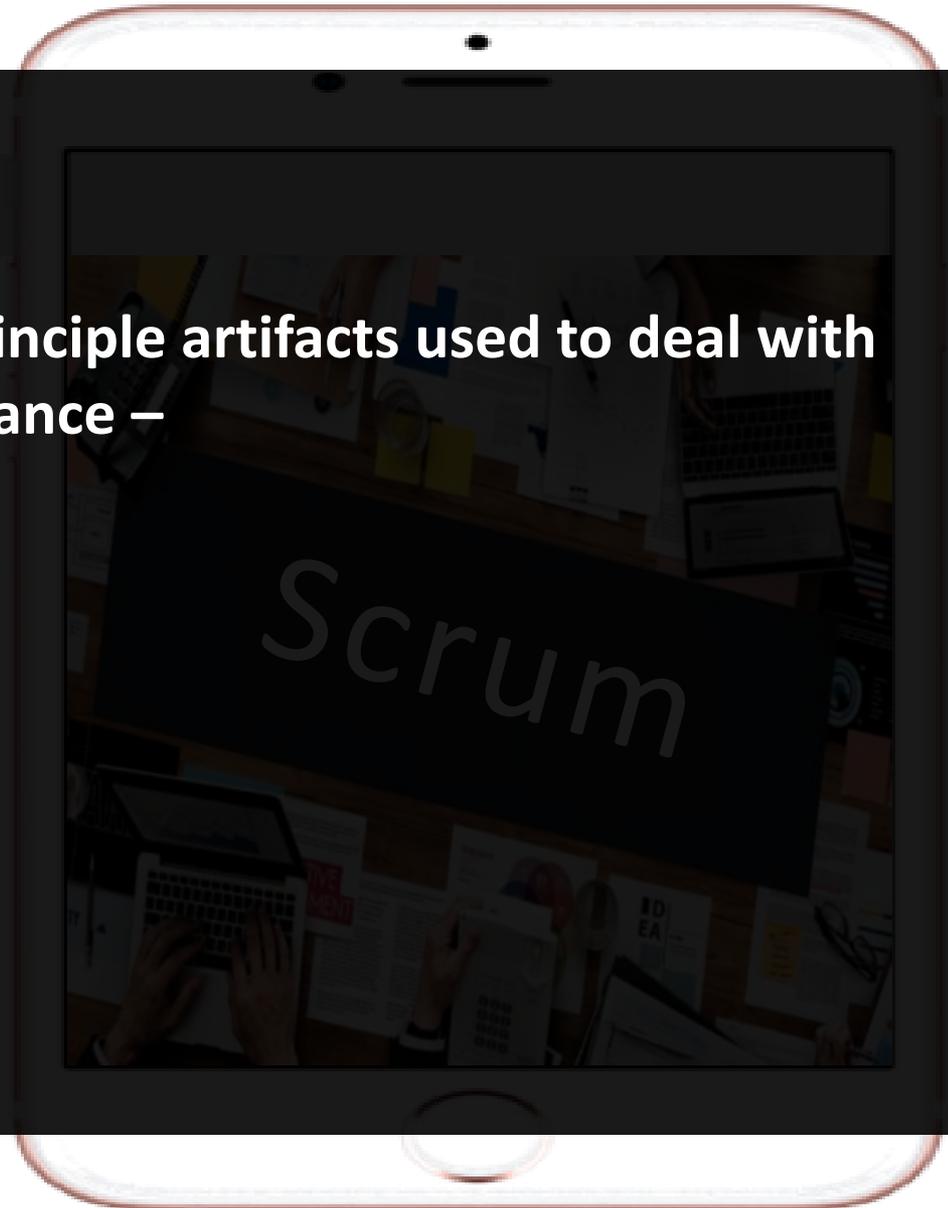
- The Scrum framework has three roles:
 - A Scrum Master
 - A Product Owner
 - Scrum Team
- Scrum utilizes progressive and repetitive development model, with shorter length of cycles.
- Scrum is easy to execute and focuses on regular and faster deliveries.



Agile Methodologies

Scrum

- Scrum depends on the three principle artifacts used to deal with the prerequisites and track advance –
 - Product Backlog
 - Sprint Backlog
 - Sprint Burn-Down Chart
- Scrum utilizes progressive and repetitive development model, with shorter length of cycles.
- Scrum is easy to execute and focuses on regular and faster deliveries.



Agile Methodologies

Click **'Back'** to go to main screen.

Back

- The four main features the Scrum uses to bring structure to each sprint are:

- Scrum utilizes progressive and repetitive development model, with shorter length of cycles.
- **Sprint planning**
- **Daily stand-up/ Daily Scrum**
- Scrum is easy to execute and focuses on regular and faster deliveries.
- **Sprint demo**
- **Sprint retrospective**



Agile Methodologies

Kanban

- **Kanban uses Just-In-Time (JIT) principles by combining amount of work in progress (WIP) to the team's availability.**



Agile Methodologies

Kanban

- Kanban uses Just-In-Time
- Kanban uses visualization of the workflow through a Kanban board, usually represented by sticky notes and whiteboards or online tools like Trello.

Click **'Back'** to go to main screen.

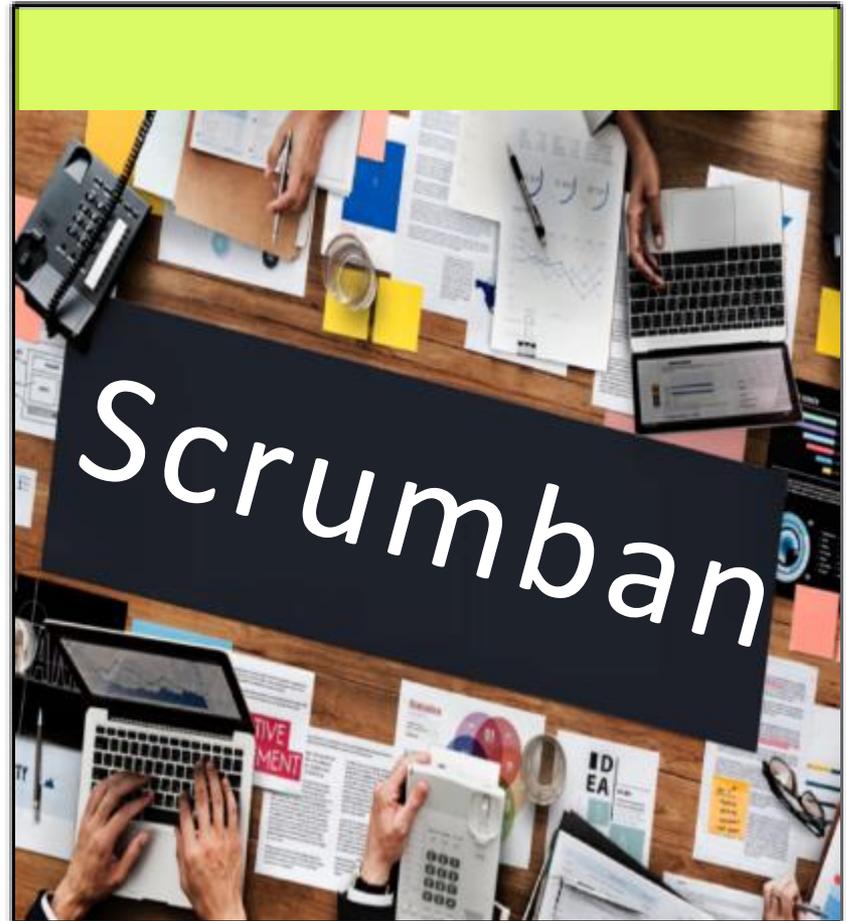
Back



Agile Methodologies

Scrumban

- **Scrum-ban is mix of Scrum and Kanban to utilize features from both models**



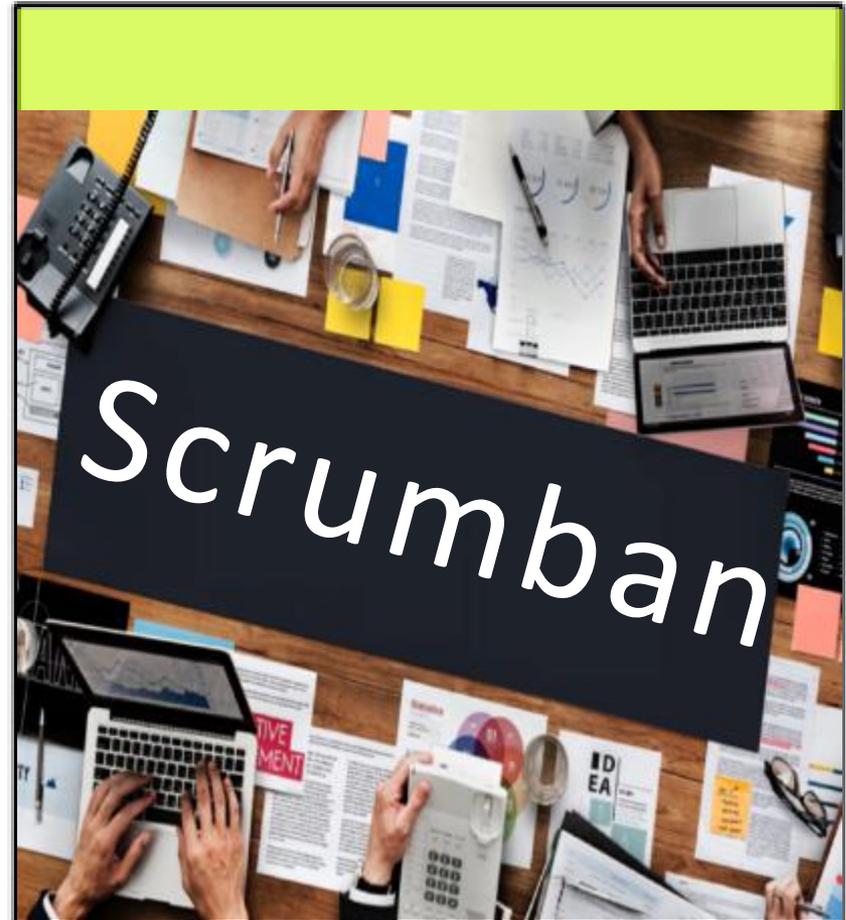
Agile Methodologies

Scrumban

- Scrum-ban is the mix of Scrum and Kanban and provides flexibility and visualization of Kanban and structure of Scrum models.

Click **'Back'** to go to main screen.

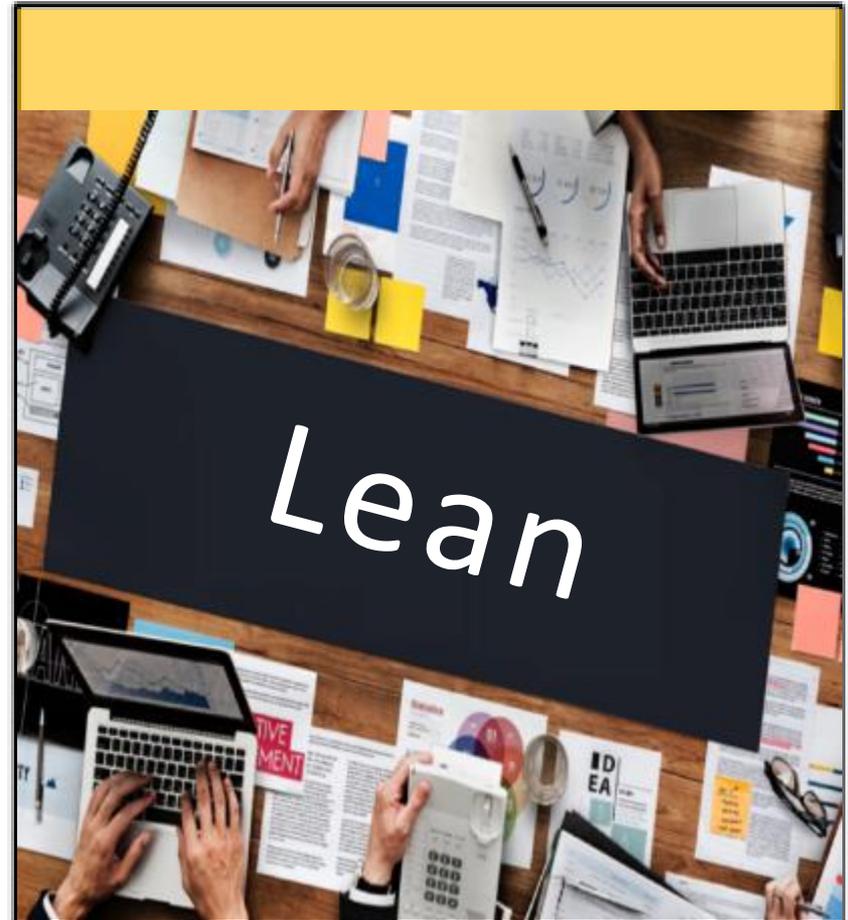
Back



Agile Methodologies

Lean Development

- **Lean development is a progressive and repetitive methodology.**
- **The term value is characterized as any activity or process that a client would pay for.**



Agile Methodologies

Lean Development

- The 7 basic principles of Lean Development are:

- Lean development is a progressive and repetitive methodology.
- Knowledge Creation
- Postpone Commitment
- Waste Reduction
- Optimization
- Working from the point of view of the client who uses the product, the term value is characterized as any activity or process that a client would pay for.
- Fast Delivery
- Respect People
- Quality



Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Agile Methodologies

Extreme Programming (XP)

- **Extreme Programming (XP) is a lightweight, proficient, low-risk, adaptable, predictable and scientific way to develop a software.**



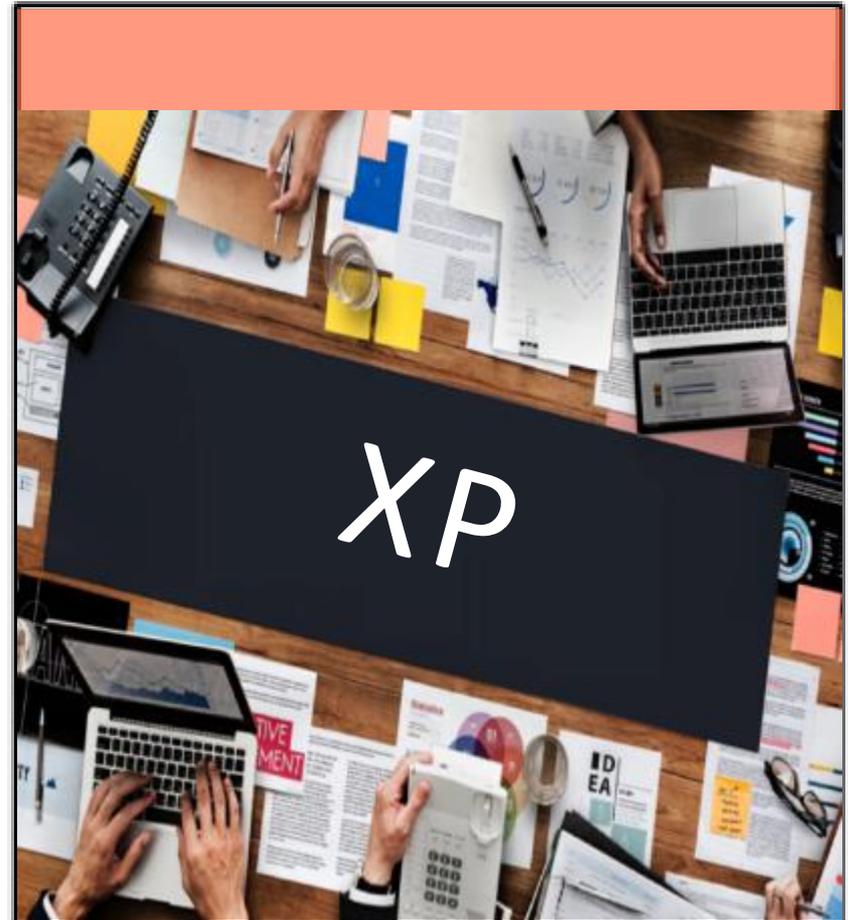
Agile Methodologies

Extreme Programming (XP)

- Favors recurring releases in short development cycles.
- Best option for teams that are proficient, low-risk, adaptable, predictable and scientific way to develop software.
- Best option for teams that are small in numbers and deal with extremely changing requirements

Click **'Back'** to go to main screen.

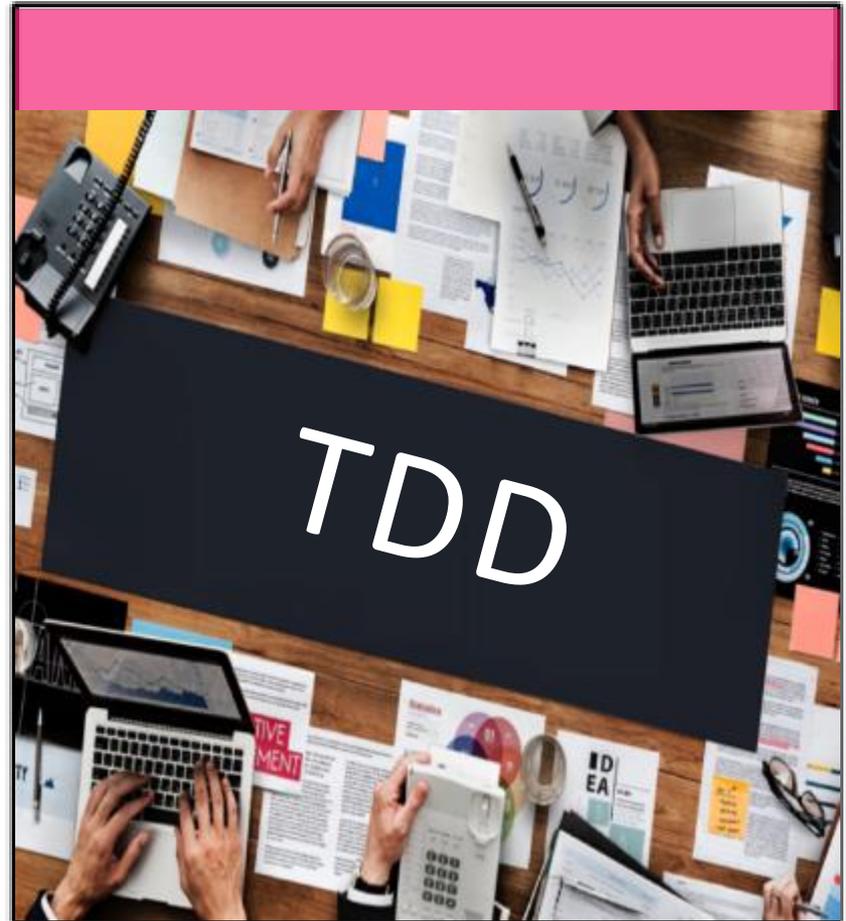
Back



Agile Methodologies

Test-driven Development (TDD)

- **Programming method where developer initially writes an automated test case for a new function.**



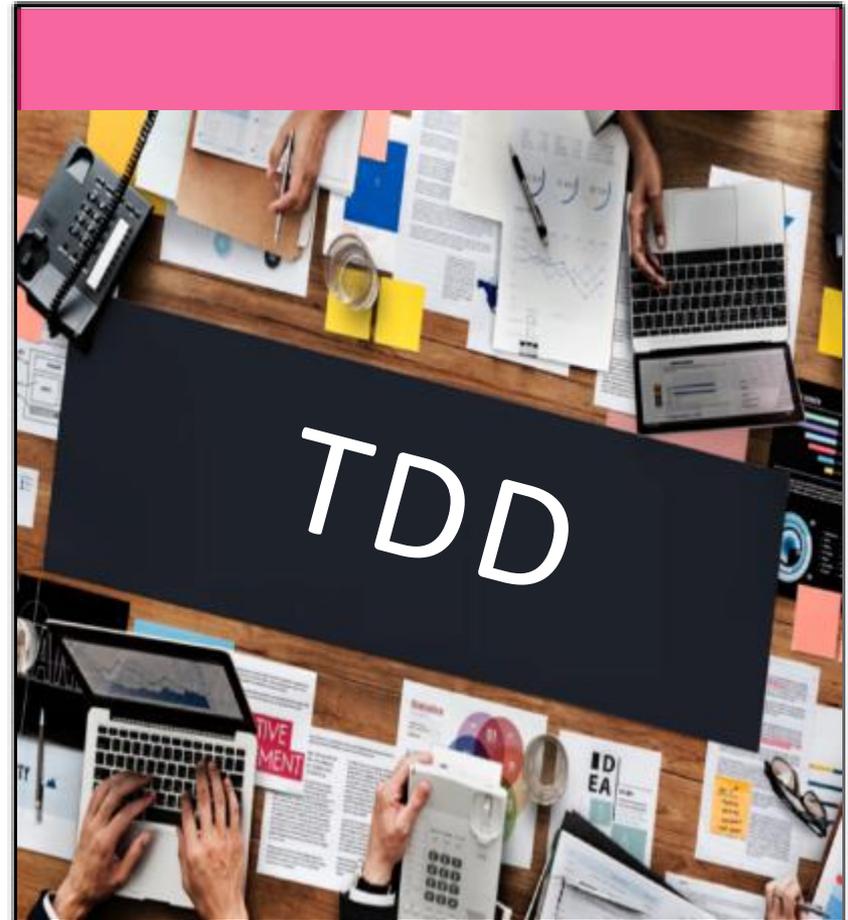
Agile Methodologies

Click **'Back'** to go to main screen.

Back

Test-driven Development (TDD)

- Test-driven Development (TDD) is a programming method where the developer initially writes an extremely brief development cycle.. that characterizes a desired improvement or a new function.



Agile Methodologies

Feature-Driven Development (FDD)

- **Feature-Driven Development (FDD) comprises of five fundamental activities - the building of an overall model, the development, planning, designing of a feature list, and the developing by feature.**



Agile Methodologies

Feature-Driven Development (FDD)

- Deliver stable, functioning software regularly in timely manner
 - Expandable to large teams due to concept of 'just enough design initially' (JEDI)
- comprises of five fundamental activities - the building of an overall model, the development, planning, designing of a feature list, and the developing by feature.

Click '**Back**' to go to main screen.

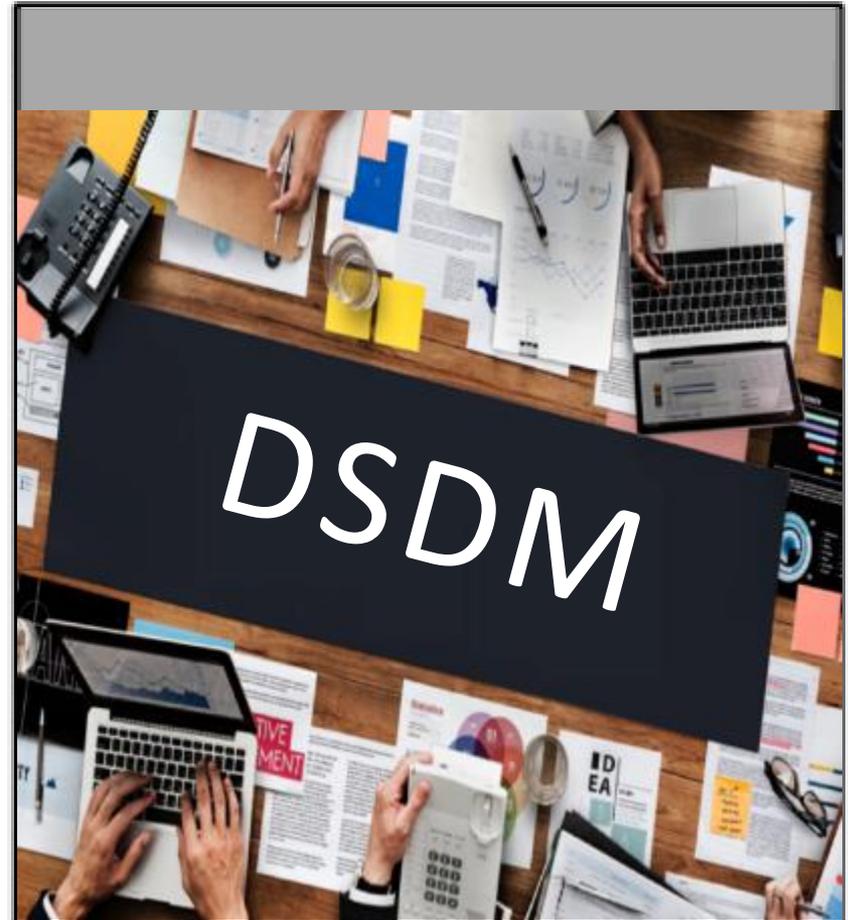
Back



Agile Methodologies

Dynamic Systems Development Method

- **Covers whole lifecycle of a project**
- **Is vendor-independent**
- **Provides guidance for in-budget, on-time delivery**
- **Suitable for projects of all sizes and any business segment**



Agile Methodologies

Dynamic Systems Development Method

The eight principles of DSDM are:

- On-time delivery
- Control
- Quality
- Iterative development
- Focus on business need
- Continuous Communication
- Collaboration
- Build incrementally

for any business segment.

Click the icon,
to learn more.

DID
YOU
KNOW?



Did You Know?



The term 'Scrum' began from Rugby which describes a team that organize themselves into a single unit and move across the field as a single whole.

MCQ

Q. Scrum-ban is the mix of which two Agile Methodologies?

- Scrum and Kanban**
- Scrum and Lean Development**
- Scrum and Extreme Programming**
- Scrum and Test-driven Development**

Click on the radio button to select the correct answer!

MCQ



Q. Scrum-b
Method

- Scrum
- Scrum
- Scru
- Scr

Scrum-ban is a mix
of **'Scrum and
Kanban'**.

[Click here to continue!](#)

MCQ



Q. Scrum-ban Method

- Scrum
- Scrum
- Scrum
- Scrum

Scrum-ban is a mix of **'Scrum and Kanban'**.

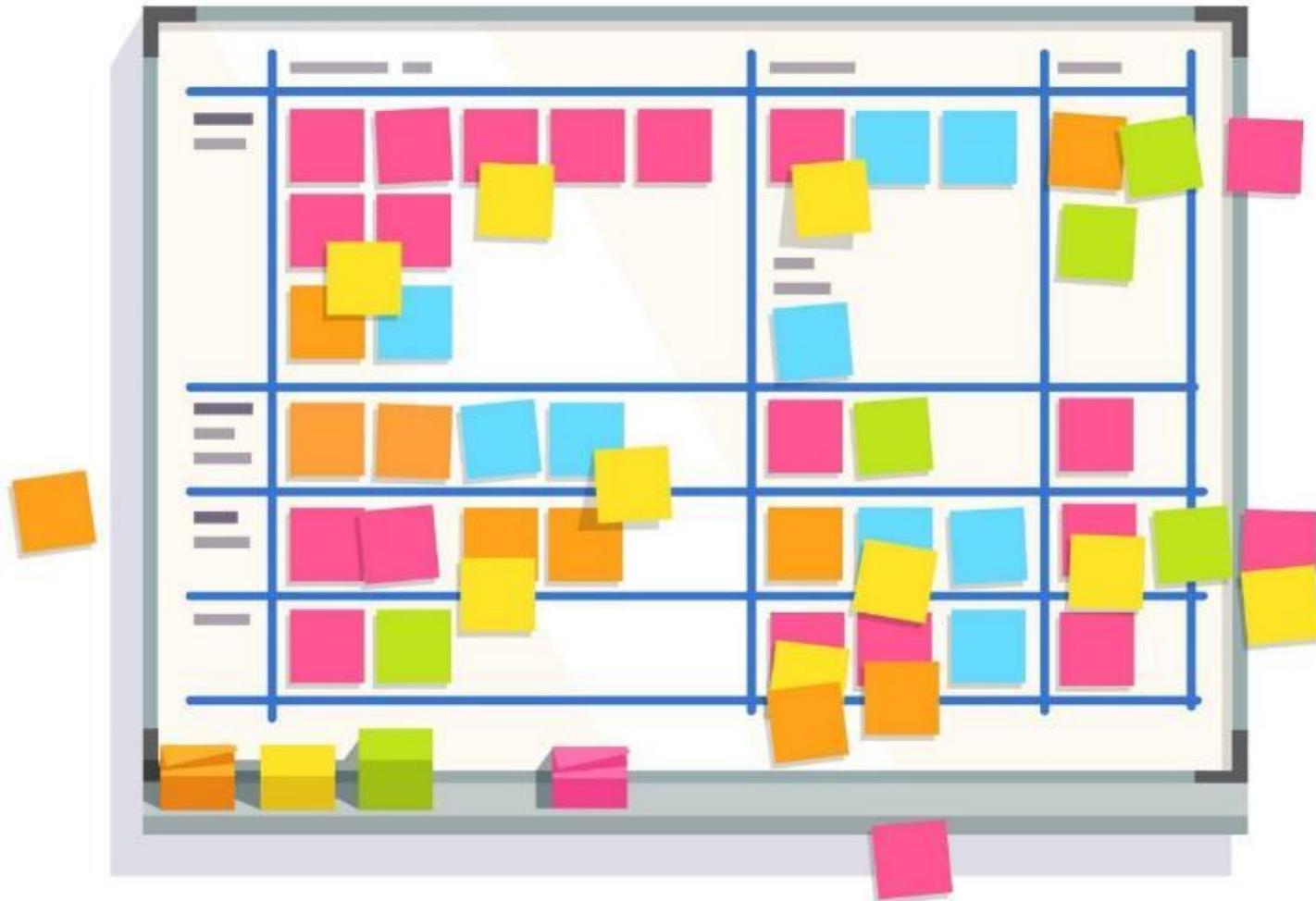
[Click here to continue!](#)

Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Stages of Agile Project Management

Following are the stages of an Agile Project:



Click each **'tab'** to learn more.

Stages of Agile Project Management

1

- **Project Feasibility:**

- **'Project Feasibility' is the first stage of an agile project. At this stage, the feasibility of the project is assessed from technical, financial, resources and execution point of view.**

Click **'Back'** button to go back to main screen.

Back

Stages of Agile Project Management

2

- **Agile Contracts:**

- **'Agile Contracts' is the second stage of an agile project. At this stage, the Agile contract is defined which is the Agile fixed price which is a contractual model agreed upon by suppliers and customers of IT projects that develop software using Agile methods. The model introduces an initial test phase after which budget, due date, and the way of steering the scope within the framework is agreed upon.**

Click 'Back' button to go back to main screen.

Back

Stages of Agile Project Management

3

- **Project Initiation:**

- **'Project Initiation' is the third stage of an agile project. At this stage, the actual kick-off of the project takes place after the initial meetings with the client and the requirement gathering and needs analysis.**

Click **'Back'** button to go back to main screen.

Back

Stages of Agile Project Management

4

- **Agile Estimation:**

- **'Agile Estimation' is the fourth stage of an agile project. At this stage, the evaluation of the number of resources as well as their skills required to complete the project, the project costs, time estimation etc. is done.**

Click **'Back'** button to go back to main screen.

Back

Stages of Agile Project Management

5

- **Agile Planning:**

- **'Agile Planning' is the fifth stage of an agile project. At this stage, the actual project plan is drawn up with defined timelines and the complete project is divided into smaller chunks or sprints for ease of development and execution.**

Click **'Back'** button to go back to main screen.

Back

Stages of Agile Project Management

6

- **Agile Prioritization:**

- **'Agile Prioritization' is the sixth stage of an agile project. At this stage, the sprints that have to be prioritised over the others have to be defined so that the agile project can be delivered on time.**

Click **'Back'** button to go back to main screen.

Back

Stages of Agile Project Management

7

- **Agile Risk Management:**

- **'Agile Risk Management' is the seventh stage of an agile project. At this stage, the risk associated with the execution of the project and plausible failures and their consequences are assessed, determined, and defined. Also, risk mitigation processes are decided.**

Click **'Back'** button to go back to main screen.

Back

Stages of Agile Project Management

8

- **Agile Iterations:**

- **'Agile Iterations' is the eighth stage of an agile project. At this stage, the actual development of the sprints are carried out. Also, continuous involvement of the client is ensured as each task is carried out and his feedback is sought and implemented. Also, any changes are implemented so that each chunk of task is completed as per client's requirements by carrying out multiple iterations.**

*Click **'Back'** button to go back to main screen.*



Back

Stages of Agile Project Management

9

- **Tracking and Reporting:**

- **'Tracking and Reporting' is the ninth stage of an agile project. At this stage, the tracking of the complete project is carried out and reports are drawn and decisions are taken if there is any discrepancy between the original plans and any shortfalls or delays.**

Click **'Back'** button to go back to main screen.

Back

Stages of Agile Project Management

10

- **Agile Testing: ‘**
 - **Agile Testing' is the tenth stage of an agile project. At this stage, the actual testing of the software that is developed is carried out in small chunks top identify the exact position or location of a possible bug in the software.**

Click **'Back'** button to go back to main screen.

Back

Stages of Agile Project Management

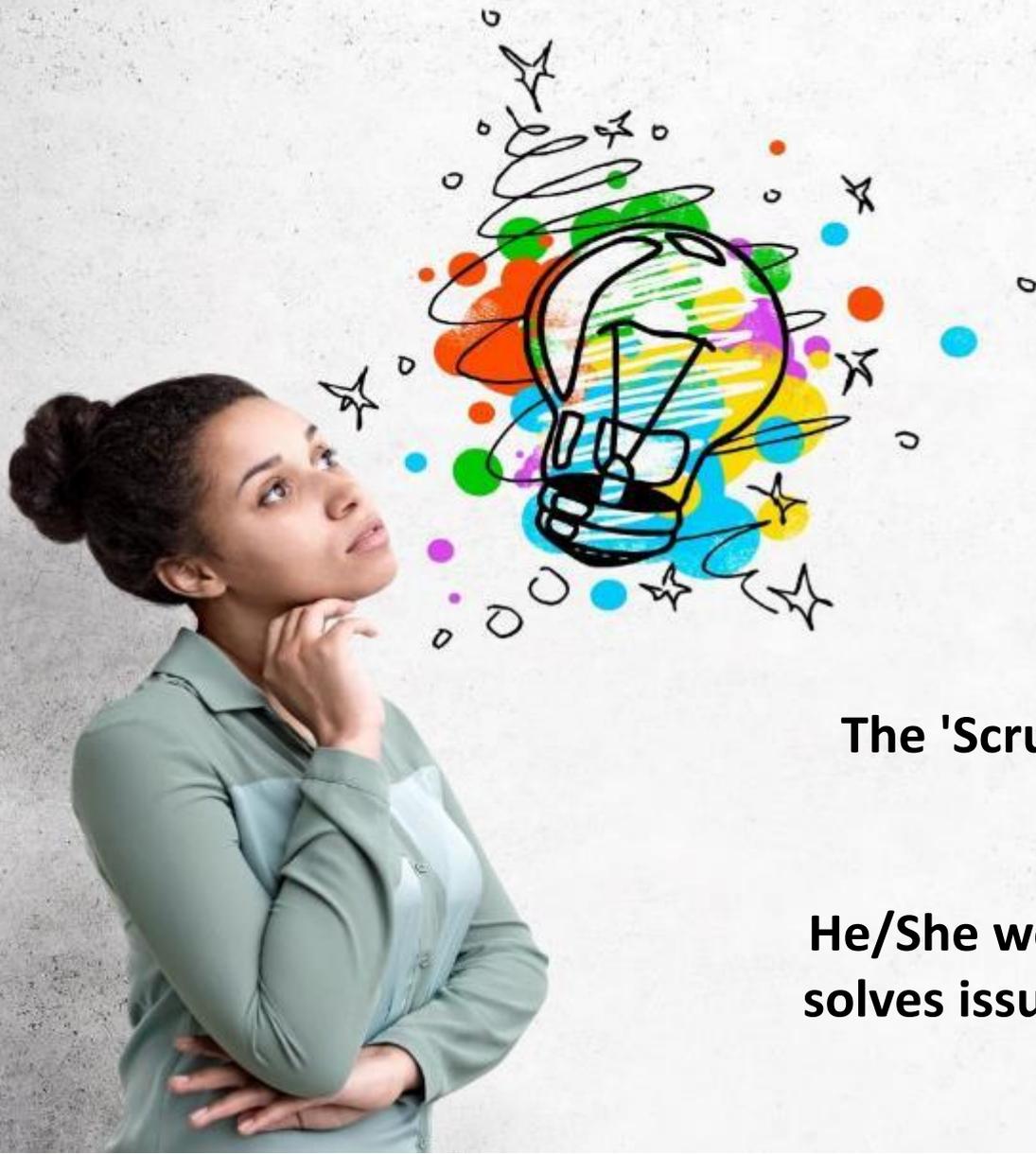
11

Click the icon,
to learn more.

DID
YOU
KNOW?

- **Agile Documentation:**
 - **'Agile Documentation' is the eleventh stage of an agile project. At this stage, the complete documentation that documents the smallest details of the agile project right from the requirement gathering, iterations, client feedback received and implemented etc.**

Did You Know?



The 'Scrum Manager' is not a project manager.

He/She works more as a facilitator who solves issues and serves as the interface with the client.

MCQ

Q. Which Agile Methodology initially writes an automated test case that characterizes a desired improvement or a new function?

- Scrum**
- Test-driven Development**
- Extreme Programming**
- Scrum-ban**

Click on the radio button to select the correct answer!



**'Test-driven
Development'**
initially writes an
automated test case
that characterizes a
desired
improvement or a
new function.

Q. Which A
automa
desired

Scrum

Test-

Ext

Scrum

Click here to continue!



**'Test-driven
Development'**
initially writes an
automated test case
that characterizes a
desired improvement
or a new function.

Q. Which A
automa
desired

Scrum

Test

Ext

Sc

[Click here to continue!](#)

Real Life Example

Let us now look at a real life example to understand the benefits of adopting Agile Project Management.

Real Life Example

YLB Healthcare

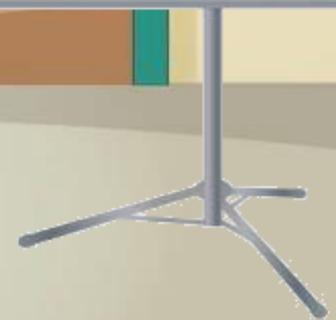
YLB Healthcare is a leading provider of healthcare equipment to hospitals across the globe.



Real Life Example

Y L B Healthcare

It's wide product range includes several high-tech surgical and diagnostic equipments.



Real Life Example

Y L B Healthcare

In fact, it is one of the few companies in the world which manufactures medical equipments that utilize robotics.



Real Life Example

Y L B Healthcare

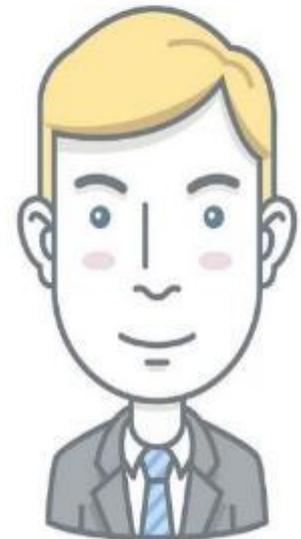
Automated robotic equipment are capable of carrying out medical procedures to surgeries with little to nil intervention by the surgeons and doctors.



Real Life Example

YLB Healthcare

Recently, YLB Healthcare appointed Patrick Wayne as the President of Engineering and Product development.



Real Life Example

YLB Healthcare

Patrick knows that a very crucial component of YLB product is the software installed in the equipment that allows it to perform with great precision.



Real Life Example

Y L B Healthcare

So, Patrick decides to adopt Agile Project Management not only for its product development division but also across the organization.



Real Life Example

Y L B Healthcare

Patrick knows that adopting Agile Project Management across such a large organization can prove to be a humongous and complex task.



Real Life Example

Y L B Healthcare

So, Patrick puts together a team of internal experts and also hires a third-party to help him transition the whole organization to agile.



Real Life Example

Y L B Healthcare

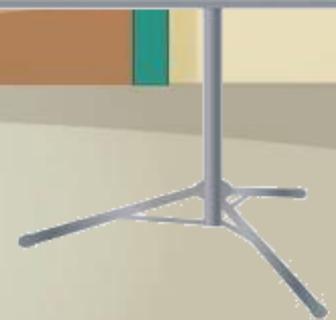
The team decides to roll-out the agile adoption project in systematic chunks across small divisions starting with the product development division.



Real Life Example

Y L B Healthcare

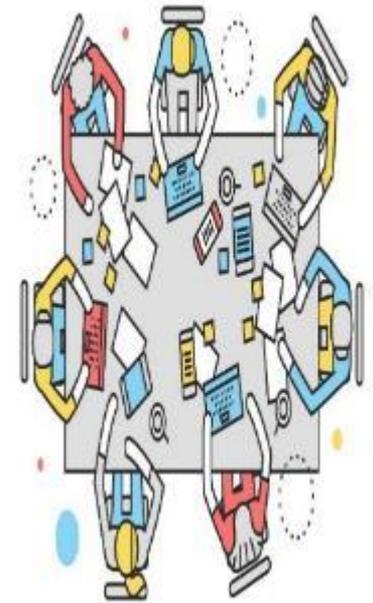
Slowly but steadily, they move each division of the organization to adopt agile development over a span of six years.



Real Life Example

Y L B Healthcare

Also, over these years, they start training employees to not only adopt agile in process but also in spirit.



Real Life Example

Y L B Healthcare

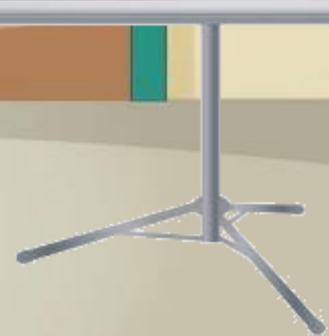
After successful adoption, Patrick and his team constantly monitor, evaluate, and implement improvements based on feedback and gather data.



Real Life Example

Y L B Healthcare

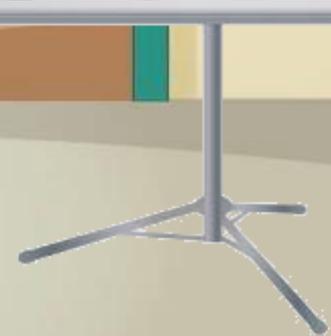
After two years the entire organization has moved over to agile, Patrick provides a detailed report of the impact of agile adoption to the Board.



Real Life Example

YLB Healthcare

Patrick is pleased to report that ever since agile was adopted, productivity, employee retention, and employee engagement has increased ten times.



Real Life Example

Y L B Healthcare

Patrick also reports a large amount of cost saving due to the quicker and more efficient project management through agile adoption.



Real Life Example

Y L B Healthcare

YLB
Management
are extremely
glad with the
results and are
happy about
their decision
to adopt Agile
Project
Management in
the
organization.



Real Life Example

YLB Healthcare

Patrick was confident that YLB was sure to gain from the great benefits that Agile Project Management brings to an organization.



Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Accountability in an Agile Team

The following are the various roles and responsibilities that are observed in an agile team:

Co-ordinates and Integrates	Linker
Initiates Creative Ideas	Creator
Champions the ideas they initiated	Promoter
Offers insightful analysis of options	Assessor
Provides Structure	Organizer
Provides direction & follow-through	Producer
Observe & enforce standards	Controller
Fights external battles with client	Maintainer
Encourages search for information	Advisor

Accountability in an Agile Team

The following are the various responsibilities that an agile team has to fulfil as a single co-operative unit:



Click each 'Number' to learn more.

Accountability in an Agile Team

Creating and Managing Diversity

- **Involve:** Actively seek inputs from a variety of backgrounds / cultures of team members in order to develop a broad picture.
- **Fearless Environment:** Develop an atmosphere which is safe for employees to ask for help. People should not be viewed as weak if they ask for help.



Accountability in an Agile Team

Creating and Managing Diversity

- **Involve:** Actively seek inputs from a variety of
- **Respect:** Respect each other's view points and include suggestions if they benefit the team. to develop a broad picture.
- **Take Time Out:** Include people who are different than you in informal meetings such as lunch / coffee breaks.
- **Fearless Environment:** Develop an atmosphere which is safe for employees to ask for help. People should not be viewed as weak if they ask for help.

Click **'Back'** button to go to main screen.

Back

Accountability in an Agile Team

Turning Individuals into Team Players

- **Selection:** Make team skills one of the interpersonal skills in the hiring process of an agile team.
- **Training:** Train employees to become better team players on various aspects such as technical, communication, and interpersonal skills.



Accountability in an Agile Team

Turning Individuals into Team Players

- **Selection:** Make team skills one of the interpersonal skills in the hiring process of an agile team.
- **Reward & Motivate:** Rework the reward system to encourage cooperative efforts rather than individual. Continue to recognize individual contributions while emphasizing the importance of teamwork in an agile project team.
- **Recognize & Reward:** Reward team players on various aspects such as technical, communication, and interpersonal skills.

Click **'Back'** button to go to main screen.

Back

Accountability in an Agile Team

Quality Management

An agile team must aim for total quality management by taking into consideration various aspects such as follows:

- **Team Size:** Is the team small enough to be efficient and effective?
- **Time:** Is the team given/allocated enough time to perform the task/accomplish the goals of the agile project?



Accountability in an Agile Team

Quality Management

An agile team must aim for total quality management by

- **Authority:** Is the team given enough authority to resolve problems/take corrective actions?
follows:
- **Team Size:** Is the team small enough to be efficient and effective?
- **Time:** Is the team given/allocated enough time to perform the task/accomplish the goals of the agile project?

Click **'Back'** button to go to main screen.

Back

Accountability in an Agile Team

Enhancing Performance

- Performance of each individual in an agile team can be enhanced by synergy.
- This is because people working in a group are able to produce greater output than would have been produced if each person had worked separately.
- Team members should always work with each other to maximize output.

Click 'Back' button to go to main screen.

Back



Accountability in an Agile Team

Innovation

- Team leaders should empower the agile team and make it accountable for innovation process.
- Team members should uncover each other's flaws and balance each other's strengths and weaknesses..



Accountability in an Agile Team

Motivate

- Another important responsibility of an agile team is to motivate its team members.
- Team leaders should provide needed social interaction and help employees cope with work-related stressors.
- They should reward and recognize high value teams.



Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Agile Team Values & Ethics

An efficient team needs a firm set of values and ethics to achieve the agile project's goals.

Clear, elevating goal



- **A clear, elevating project goal:**
 - This is a project goal which has been communicated to all.

- **A results-driven structure:**
 - The goal has been jointly decided by all the team members.
 - They are fully committed towards achieving it.

Results-driven structure



Agile Team Values & Ethics

An efficient team needs a firm set of values and ethics to achieve the agile project's goals.

Competent members



- **Competent members:**
 - Each team member has the required skill set in order to achieve the team objectives and agile project goals.

- **Unified commitment:**
 - With the total commitment from team members, achieving agile project goals becomes easier.

Unified commitment



Agile Team Values & Ethics

An efficient team needs a firm set of values and ethics to achieve the agile project's goals.

Collaborative climate



- **A collaborative climate:**
 - **Commitment from team members and a good leadership leads to a collaborative agile team with a productive work environment.**

Standards of excellence



- **Standards of excellence:**
 - **Quality orientation is vital to the success of any agile project.**

Agile Team Values & Ethics

An efficient team needs a firm set of values and ethics to achieve the agile project's goals.

External support & recognition



- **External support and recognition:**
 - **Appreciation as well as appraisal is required to keep the morale of the agile team high.**

- **Principled leadership:**
 - **Leadership defines an agile team.**
 - **An able-bodied leadership can chart the agile team's path to success.**

Principled leadership



Agile Team Values & Ethics

An efficient team needs a firm set of values and ethics to achieve the agile project's goals.

Active participation



- **Active participation:**
 - Each agile team member participates actively and positively.
 - This shows a person's commitment and understanding towards work.

- **Agile team goals are clearly understood by all:**

- Communication is vital for achieving successful completion of any agile project.

Team goals understood by all



Agile Team Values & Ethics

An efficient team needs a firm set of values and ethics to achieve the agile project's goals.

Innovative thinking



- **Innovative thinking:**
 - Individual members have to think about creative solutions to problem.
 - Thinking out of the box is vital in today's agile project scenario.

Active listening and feedback:

- Agile team members are listened to carefully as well as given a thoughtful feedback.

Active listening & feedback



Agile Team Values & Ethics

An efficient team needs a firm set of values and ethics to achieve the agile project's goals.

Taking initiative



- **Taking initiative:**
 - **Everyone takes the initiative in order to get things done.**
 - **There is no concept of passing the buck.**

Trust and Respect



- **Trust and Respect:**
 - **Each agile team member trusts the judgment of others.**
 - **Mutual trust and respect is highly important for the agile team.**

Agile Team Values & Ethics

An efficient team needs a firm set of values and ethics to achieve the agile project's goals.

Risk taking



- **Risk taking:**
 - The agile team has to be willing to take risks.
 - Risk taking is an attitude which comes with confidence.

Supportive:

- Everyone has to be supportive of the agile project as well as of others.
- An agile team works as one unit.

Supportive



Agile Team Values & Ethics

An efficient team needs a firm set of values and ethics to achieve the agile project's goals.

Effective communication



- **Effective communication:**
 - **There is ample communication between the agile team members.**

Teams are given realistic deadlines:

- **External support as well as aid is vital to the success of any agile team.**

Realistic deadlines



Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Agile Team Management

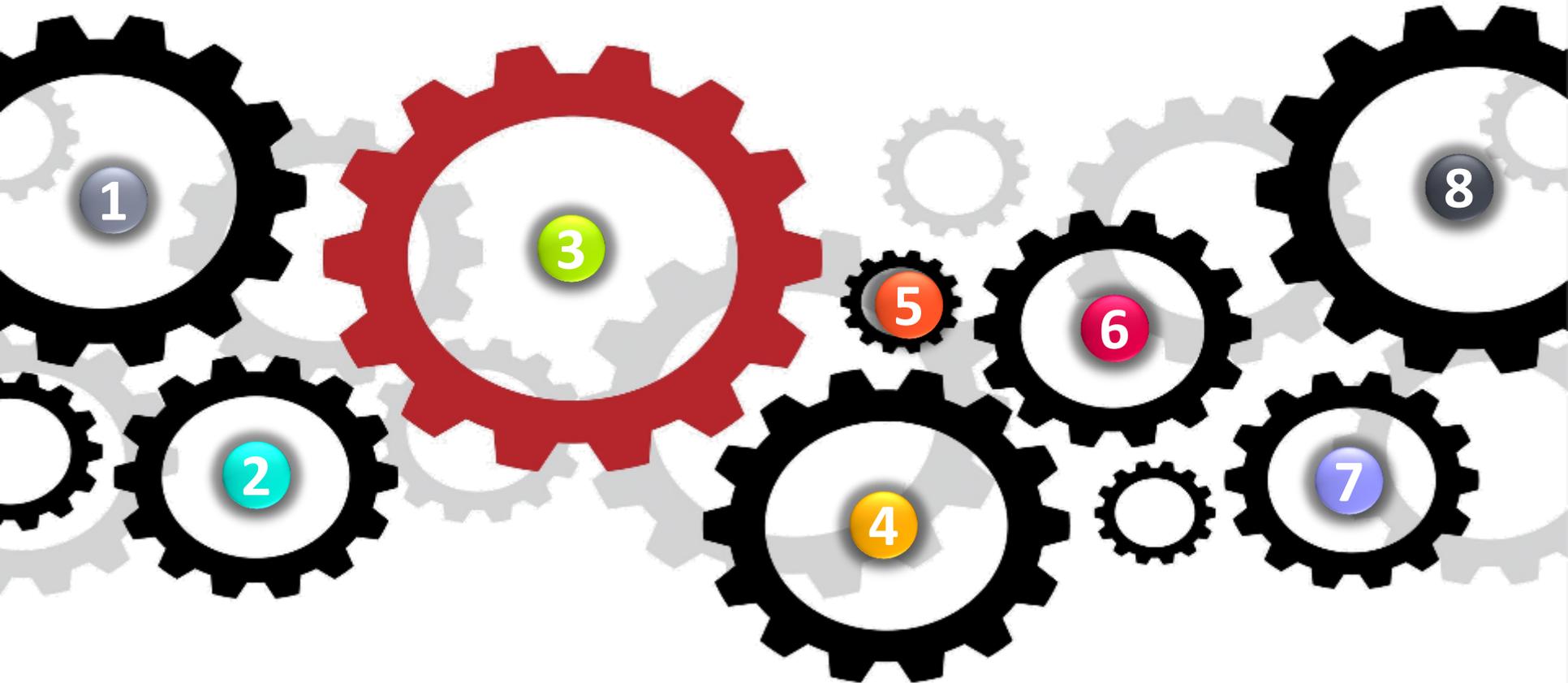
The following are a few tips for better management of an agile team:



*Click each **hotspot** to learn more.*

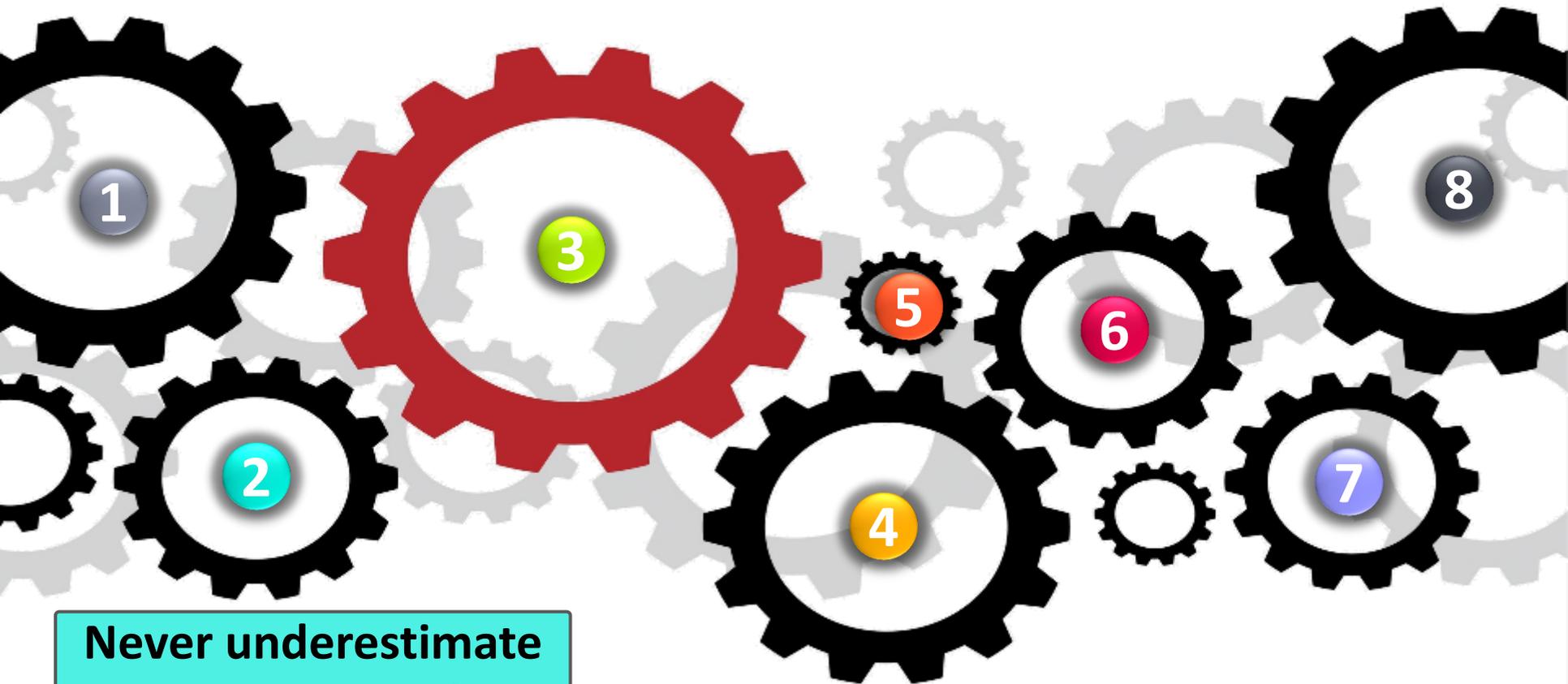
Agile Team Management

Think about
your team first



*Click each **hotspot** to learn more.*

Agile Team Management



**Never underestimate
your team member**

*Click each **hotspot** to learn more.*

Agile Team Management

Discuss



*Click each **hotspot** to learn more.*

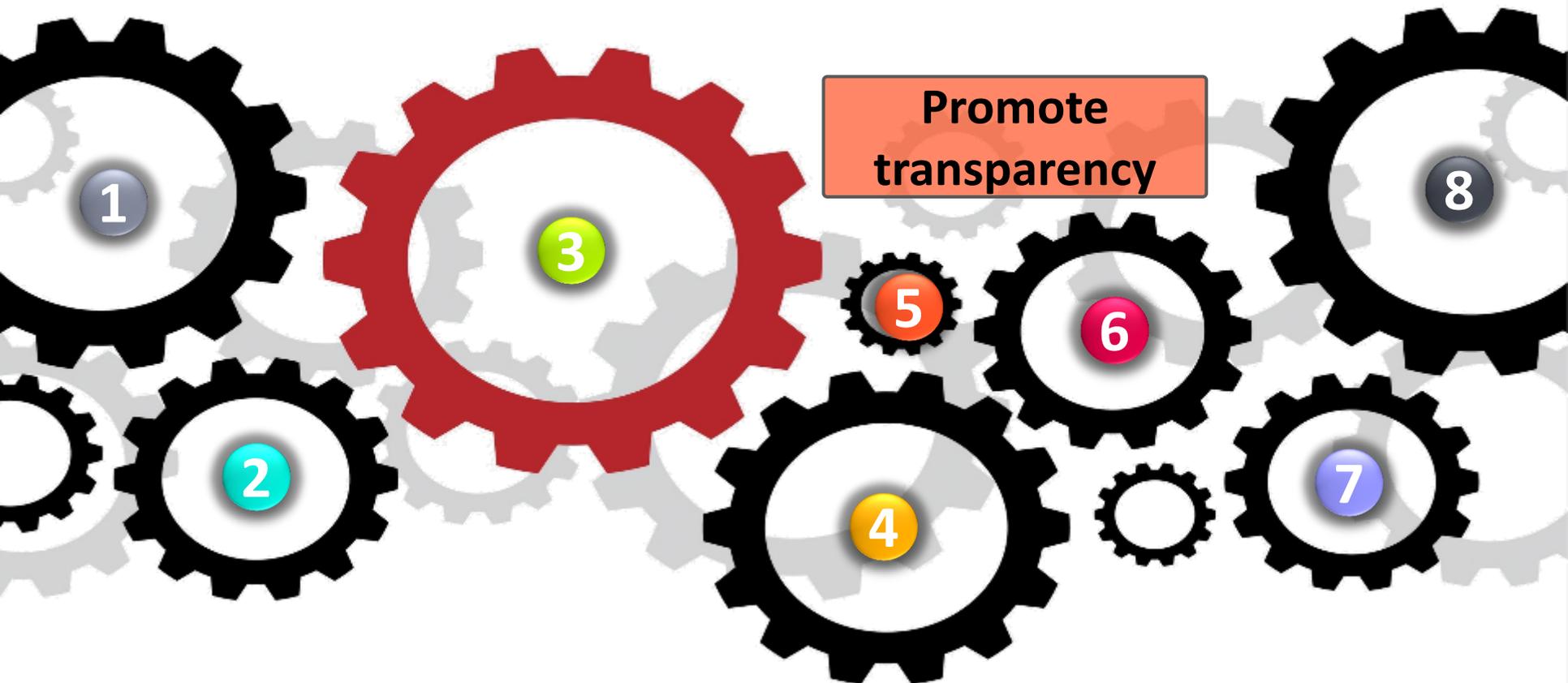
Agile Team Management



Click each hotspot to learn more.

**Understand
others**

Agile Team Management



*Click each **hotspot** to learn more.*

Agile Team Management



*Click each **hotspot** to learn more.*

Agile Team Management



**Avoid conflicts
in your team**

*Click each **hotspot** to learn more.*

Agile Team Management

The following are a few tips for better team work:

Rewards and
recognition



*Click each **hotspot** to learn more.*

Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Pitfalls to Effective Agile Team Communication

The following are the most common pitfalls to effective team communication in an agile team:

1

Hogging:
Talking too much

2

Flogging:
Beating
Dead Horse

3

Frogging:
Jumping from
one topic to
another

4

Bogging:
Getting stuck
on the issue

5

**Dead
Buffaloes:**
Tiptoeing
around a
contentious
issue

Objectives

- Explain what is Agile Project Management
- Explain what is Agile Manifesto
- Describe the four foundational Agile Values
- List the twelve supporting Agile Principles
- Explain the Role of Leaders in Agile Project Management
- Explain the Tips for Managing Diversity in an Agile Team
- Discuss the importance of Leadership in Agile
- Discuss the Scrum Methodology in Agile Project Management
- Discuss the Extreme Programming Methodology
- Discuss the Stages of Agile Project Management
- Discuss the importance of Accountability in an Agile Team
- Discuss the Agile Team Values & Ethics
- Discuss Agile Team Management
- List the Pitfalls to Effective Agile Team Communication
- List the Tips for Effective Communication in an Agile Team

Tips for Effective Communication in an Agile Team

The following are a few tips for effective communication in an agile team:



Be clear and concise



Use visual means to facilitate discussion



Keep each discussion on track



Do not issue orders to any team members



Never warn/threaten any team members

Tips for Effective Communication in an Agile Team

The following are a few tips for effective communication in an agile team:



Never respond with sarcasm



Do not preach to any team members



Do not assume; ask to understand



Never label/judge any of the team members



First understand, and then be understood

Practice

*Let us now practice all
that you have learned
about Introduction to
Agile Project
Management.*

Practice

Research on Internet and choose any organization of your choice. Then, answer the following questions based on your observations:

- **What are the agile efforts made by the organization?**
- **What are the benefits that agile has provided to this organization?**
- **Which agile methodology does this organization follow?**

Case Study

Gavin Keller works as a Scrum Manager in Krypton Inc., a leading software development company.

- 1. What are the key benefits that Scrum provides to Krypton?**
- 2. How is client feedback important in Scrum or any agile project?**

Summary

- **Agile Project Management is a value-driven methodology that enables Project Managers to deliver highest-quality of work to its clients on time.**
- **Agile splits huge projects into small, manageable portions called iterations.**
- **Four foundational values of Agile Project Management are:**
 - **Individuals and interactions over processes and tools**
 - **Working software over comprehensive documentation**
 - **Customer collaboration over contract negotiation**
 - **Responding to change over following a structured plan**

Summary

- **Twelve supporting principles of Agile Project Management are:**
 - **Regular delivery of working software**
 - **Motivate, support and trust the people involved**
 - **Agile processes promotes consistent pace**
 - **Self-organizing teams inspires the best designs**
 - **Customer satisfaction**
 - **Functional and working software measure of progress**
 - **Regular reflections on how to become more effective**
 - **Accommodate changing requirements**
 - **Constant attention to enhancements and technical detail**
 - **Collaboration between the clients and developers**
- **Simplicity**
 - **Enable face-to-face interactions**

Glossary

D

F

K

S

T

Click each **alphabet** to learn more.

Glossary

Dynamic Systems

Development Method (DSDM)

covers the whole lifecycle of a project, is vendor-independent, and gives best practice guidance for in-budget, on-time delivery of projects for all sizes and for any business segment.



D

F

K

S

T

Click each **alphabet** to learn more.

Glossary

D

F

K

S

T

Feature-Driven Development (FDD) comprises of five fundamental activities - the building of an overall model, the development, planning, designing of a feature list, and the developing by feature.

Click each **alphabet** to learn more.

Glossary

Kanban uses Just-In-Time (JIT) principles by combining the amount of work in progress (WIP) to the team's availability.

D

F

K

S

T

Click each **alphabet** to learn more.

Glossary

D

F

K

S

T

Scrum utilizes progressive and repetitive development model, with shorter length of cycles.

Scrum-ban is the mix of Scrum and Kanban and endeavors to utilize features from both the software development models.

Click each **alphabet** to learn more.

Glossary

D

F

K

S

T

Test-driven Development (TDD) is a programming method where the developer initially writes an automated test case that characterizes a desired improvement or a new function.

Click each **alphabet** to learn more.



Congratulations!



*You have Successfully Completed the
Module on 'Introduction to Agile
Project Management!'*