



# Agile Methodology and Banking Domain

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## Introduction

The report gives a brief about the two days interactive session on Agile process in the banking domain. The session was conducted by Mr. Sriram, who had expertise in the field. The session was designed to equip us with the practical knowledge about the Agile processes.

Throughout the session, various topics in the Agile were discussed, starting from the basics of the agile process to the strategies used to implement the agile process. We were also introduced to many new terms used in the corporate.

Over the course of two days, we were involved in discussions and activities aimed at enhancing our understanding of Agile methodologies and their application within the banking industry through a case study.

## Overview of Agile Methodologies

The different people involved in an Agile process are:

- Product Owner: is the one who defines the requirements for the product.
- Scrum Team: The team involved in the entire development process including developer, QA, UX designer, Architect, Deployment
- Scrum Master: Ensures deliverables within the time and the team's needs are met.

How the product requirements are broken down ?

Product -> Features -> Epics -> Stories -> Tasks

- The epics are broken down to stories by the Product Owner.
- The stories are taken up by the team members who break them down to tasks.

## MoSCoW Principle

The MoSCoW principle is used to choose the most required stories. The MoSCoW expands as:

Must have, Should have, Could have, Won't have

## Sprints and Release

- A release has multiple sprints.
- A sprint should typically last 2-4 weeks.
- A story should not span sprint; however, an epic can span sprints.
- Sprint backlog: The list of items to be delivered in a sprint.
- Product backlog: It has all items that the product owner wants.

## The Agile Process

1. Sprint Planning
2. Daily Standup
3. Sprint Review
4. Retrospective

## INVEST and CCC

Independent, Negotiable, Valuable, Estimable, Small, Testable

Card, Conversation, Confirm

## User Acceptance Testing

- In this last step, the business user tests the product.
- The acceptance criteria are written by the product owner.
- Once all the criteria are met, the product is ready to be released.

## DoR and DoD

- Definition of Ready refers to a set of criteria or conditions that a product backlog item must meet before it can be considered ready to be worked on by the team during a sprint.
- Definition of Done outlines the criteria that must be met for a product backlog item to be considered completed.

## Working on the Case Study

The case study given was “Digitalizing the traditional Bank”. We were divided into teams and were made to work on this topic and create a brochure for the bank.

We first started with collecting the epics from the product owner. These epics were then broken down to stories. The stories were then sorted using the

MoSCoW principle and the stories were divided into sprints and release plan was generated.

The product was developed by following the steps in agile process. Once the product was completed, a demo was presented in the presence of stakeholders to showcase our product and get feedback.

## Conclusion

The session provided information about the application of Agile methodologies in the industry. Throughout the two-day session, participants engaged in discussions, hands-on activities and case studies, deepening their understanding of the Agile methodologies.