

DAY – 4

Assignment 1:

Agile Project Planning - Create a one-page project plan for a new software feature using Agile planning techniques. Include backlog items with estimated story points and a prioritized list of user stories?

A one-page Agile project plan for a new software feature using Agile planning techniques

Project Title: Enhance User Authentication

Project Objective:

Improve security and user experience by implementing additional authentication methods for user login.

Backlog Items with Estimated Story Points & Prioritized List of User Stories

1. User Story As a user, I want to be able to log in using email and password.
 - Story Points 3
 - Priority High
2. User Story As a user, I want to receive a confirmation email after successful registration.
 - Story Points 2
 - Priority High
3. User Story As a user, I want to be able to reset my password if I forget it.
 - Story Points 5
 - Priority Medium
4. User Story As a user, I want to enable two factor authentication for additional security.
 - Story Points 8
 - Priority Medium
5. User Story As a user, I want to be able to log in using biometric authentication (e.g., fingerprint, face recognition).
 - Story Points 13
 - Priority Low

Sprint Planning

1. Sprint 1 (2 weeks)
 - Implement user login with email and password (User Story 1)
 - Implement password reset functionality (User Story 2)
2. Sprint 2 (2 weeks)
 - Implement confirmation email after successful registration (User Story 3)
 - Begin work on two factor authentication (User Story 4)
3. Sprint 3 (3 weeks)
 - Complete two factor authentication (User Story 4)
 - Begin work on biometric authentication (User Story 5)

Definition of Done

- Code implemented and tested
- Code reviewed by team members
- Documentation updated
- Feature demoed to stakeholders

The project goal, a prioritized list of user stories, anticipated story points for backlog items, and agile sprint planning are all included in this one-page project plan. Throughout the development process, it permits flexibility and adaptation while offering a clear implementation path for the new software feature.

DAY – 4

Assignment 2:

Daily Standup Simulation - Write a script for a Daily Standup meeting for a development team working on the enhancing user authentication. Address a common challenge and incorporate a solution into the communication flow.

Daily Standup Meeting Script:

The team members are Kiran, Somu, Frank, Sony & Project Manager.

Project Manager:

Good morning team! Let's begin our daily standup meeting. As always, we'll go around the virtual room and each team member will provide a brief update on what they worked on yesterday, what they plan to work on today, and any blockers they're facing. Let's keep it concise to ensure we stay on track.

Kiran: Yesterday, I worked on implementing the user login functionality with email and password. Today, I plan to finish up any remaining tasks for that feature and start looking into the password reset functionality. No blockers.

Somu: Yesterday, I started working on the password reset functionality and made good progress. Today, I'll continue with that and aim to complete it by the end of the day. No blockers.

Frank: Yesterday, I focused on setting up the framework for sending confirmation emails after successful registration. Today, I'll finish implementing that feature and begin exploring the two-factor authentication implementation. No blockers.

Sony: Yesterday, I was working on some code refactoring tasks to improve the overall code quality. Today, I'll continue with that and also start preparing for the upcoming sprint demo. No blockers.

Project Manager:

Thank you, everyone, for the updates. It sounds like we're making good progress towards our project objective of enhancing user authentication. However, I've noticed a common challenge that some of us are facing with overlapping tasks and potential bottlenecks in our sprint planning. To address this challenge, I suggest we start using pair programming or code reviews more extensively. This will not only help distribute the workload more evenly but also improve code quality and knowledge sharing within the team. Let's discuss this further after the standup and ensure we implement it moving forward. Any thoughts or concerns about this approach?

Kiran: That sounds like a great idea. I'm all for increasing collaboration and ensuring we're working efficiently.

Somu: Agreed, pair programming could definitely help us overcome some of the challenges we've been facing.

Frank: I think it's worth giving it a try. It could help us identify and resolve any blockers more quickly.

Sony: Sounds good to me. Let's give it a shot and see how it goes.

Project Manager:

Fantastic! Pair programming and code reviews will become part of our daily routine as of right now. Let's keep the lines of communication open and offer each other support as we strive to complete the project. Please use our team channel to address any issues or problems you may have, or feel free to contact me directly. Our standup meeting for today has come to an end. I hope everyone had a productive day!

Team: Thank you...!