

****Day 4 Assignment ****

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.

Project: Enhanced User Authentication

Vision:

Develop a secure, user-friendly, and efficient authentication system that supports multi-factor authentication (MFA), social media login, and password recovery to enhance user security and experience.

- 1] Implement multi-factor authentication (MFA).
- 2] Enable social media login options (Google, Facebook, etc.).
- 3] Develop a secure password recovery system.

Release Plan:

Sprint Duration: 2 weeks

Total Sprints Planned: 5 Sprints

Expected Release Date: 10 weeks from start

Backlog :

- 1] Enable multi-factor authentication to enhance account security.
Priority: High
- 2] Log in using my Facebook account so I can access the app easily.
Priority: medium
- 3] Recover password via email so it can regain access if I forget it.
Priority: Medium
- 4] As an admin, to monitor failed login attempts to detect potential security breaches.
Priority: High
- 5] To receive an email notification if there is an unusual login attempt on account.
Priority: High

- * All acceptance criteria are met.
- * Code is reviewed and approved by peers.
- * Unit tests and integration tests pass.
- * User documentation is updated.

* Feature is deployed to the staging environment for final approval.

Daily Stand-ups: 15 minutes every morning.

Sprint Planning Meetings: 1 hour at the start of each sprint.

Sprint Review and Retrospective: 1 hour at the end of each sprint.

Stakeholder Demos: At the end of each sprint.

Assignment 2:

Daily Standup Simulation - Write a script for a Daily Standup meeting for a development team working on the software feature from Assignment 1.

Address a common challenge and incorporate a solution into the communication flow

structured and efficient daily standup meeting, addressing current progress, upcoming tasks, and resolving a common challenge collaboratively as they are follows

1] Daily Stand-ups: 15 minutes every morning.

2] Sprint Planning Meetings: 1 hour at the start of each sprint.

3] Sprint Review and Retrospective: 1 hour at the end of each sprint.

4] Stakeholder Demos: At the end of each sprint.

Date: May 14, 2024

Time: 9:00 AM

Attendees: Name1 (Product Owner), Name2 (Scrum Master), dev1, dev2, dev3 (Development Team).

(Scrum Master):

"Good morning, everyone! Let's get started with our daily standup. We'll go around and each person will share what they worked on yesterday, what they're working on today, and any blockers they might have. Let's keep it brief and focused.

Alice, why don't you start?"

Alice:

"Sure, good morning! Yesterday, I finished the initial implementation of the Google login feature. Today, I'll be working on integrating the error handling and user feedback for failed login attempts. No blockers at the moment."

John Smith:

"Great, thanks Alice. Bob, you're up next."

Bob:

"Morning! I wrapped up the backend API for multi-factor authentication (MFA) yesterday. Today, I will be focusing on the front-end interface for MFA, making sure users can enable and configure their settings. I did encounter a challenge with the third-party API rate limits, but I have a plan to implement request throttling to handle it."

John Smith:

"Good to hear you have a plan for the API rate limits. Let's discuss more after the standup if needed."

Carol, your turn."

Carol:
"Morning everyone. Yesterday, I worked on setting up the initial framework for the password recovery system.
Today, I'll be continuing with the email notification system for password recovery. I'm facing a challenge with the email server configuration, which is delaying my progress."

John Smith:
"Thanks for bringing that up, Carol. After the standup, let's coordinate a time to troubleshoot the email server configuration.
I might have some insights that could help. Jane, anything to add from the Product Owner's side?"

Jane Doe (Product Owner):
"Good morning! Just a quick reminder to keep the user experience in mind as we implement these features.
And thanks for the updates. Everything is progressing well from my perspective."

(Scrum Master):
"Alright, thanks everyone. Remember to update your tasks in the project management tool. Let's have a productive day!
If there are no further issues, we'll end the standup here."

All:
"Thank you!"

(Scrum Master):
"Great, talk to you all later!"