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.

Agile Project Plan for New Software Feature

Project Overview

Feature: User Profile Management

Objective: Enable users to create, view, edit, and delete their profiles within the application.

Product Backlog

User Story ID User Story Priority Story Points

US-01 As a user, I want to create a new profile so that I can use the app. High 5

US-02 As a user, I want to view my profile so that I can see my information. High 3

US-03 As a user, I want to edit my profile so that I can update my information. High 5

US-04 As a user, I want to delete my profile so that I can remove my account. Medium 5

US-05 As a user, I want to upload a profile picture so that I can personalize my profile. Medium 8

US-06 As a user, I want to change my password so that I can secure my account. High 5

US-07 As a user, I want to receive a confirmation email after profile creation. Low 3

US-08 As a user, I want to have a recovery option for my profile in case I forget my password. High 8

US-09 As a user, I want to set my profile visibility to public or private. Medium 5

US-10 As a user, I want to link my profile with social media accounts for easier login. Low 8

Prioritized User Stories

US-01: As a user, I want to create a new profile so that I can use the app. (5 points)

US-02: As a user, I want to view my profile so that I can see my information. (3 points)

US-03: As a user, I want to edit my profile so that I can update my information. (5 points)

US-06: As a user, I want to change my password so that I can secure my account. (5 points)

US-08: As a user, I want to have a recovery option for my profile in case I forget my password. (8 points)

US-04: As a user, I want to delete my profile so that I can remove my account. (5 points)

US-05: As a user, I want to upload a profile picture so that I can personalize my profile. (8 points)

US-09: As a user, I want to set my profile visibility to public or private. (5 points)

US-07: As a user, I want to receive a confirmation email after profile creation. (3 points)

US-10: As a user, I want to link my profile with social media accounts for easier login. (8 points)

Sprint Planning

For this project, we will use a series of 2-week sprints. Each sprint will aim to complete high-priority user stories while considering team capacity and story point estimates.

Sprint 1:

US-01: Create a new profile (5 points)

US-02: View profile (3 points)

US-03: Edit profile (5 points)

Total Story Points: 13

Sprint 2:

US-06: Change password (5 points)

US-08: Profile recovery option (8 points)

Total Story Points: 13

Sprint 3:

US-04: Delete profile (5 points)

US-05: Upload profile picture (8 points)

Total Story Points: 13

Sprint 4:

US-09: Set profile visibility (5 points)

US-07: Confirmation email (3 points)

US-10: Link profile with social media accounts (8 points)

Total Story Points: 16

Notes

Daily Standups: Ensure continuous communication and quick resolution of blockers.

Backlog Refinement: Regularly review and adjust the backlog items to reflect changes in priority and new insights.

Sprint Review: Conduct a review at the end of each sprint to demonstrate completed features and gather feedback.

Sprint Retrospective: Reflect on the sprint to identify areas of improvement for the team and process.

This Agile project plan focuses on delivering the most valuable features first while maintaining flexibility to adapt to changing requirements and feedback.