Day 2

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: New Software Feature - "User Profile Customization"

Vision: Develop a new feature allowing users to customize their profiles with personalized settings, themes, and privacy options to enhance user experience and engagement.

Sprint Duration: 2 Weeks

Team:

- Product Owner: Alex
- Scrum Master: Jamie
- Development Team: 5 Developers, 2 QA Engineers

Backlog Items and Story Points:

1. User Story 1: User Login and Profile Access (5 SP)
   - As a user, I want to log in and access my profile so that I can manage my settings.

2. User Story 2: Customize Profile Picture (8 SP)
   - As a user, I want to upload and change my profile picture to personalize my profile.

3. User Story 3: Set Privacy Options (8 SP)

- As a user, I want to set privacy options for my profile so that I can control who sees my information.

4. User Story 4: Theme Customization (13 SP)

- As a user, I want to customize the theme of my profile so that it reflects my personal style.

5. User Story 5: Update Contact Information (5 SP)

- As a user, I want to update my contact information to keep my profile current.

6. User Story 6: Notifications Settings (8 SP)

- As a user, I want to manage my notification settings so that I can control how I receive updates.

7. User Story 7: View Profile Summary (3 SP)

- As a user, I want to view a summary of my profile to quickly see my information.

Prioritized List of User Stories:

1. User Story 1: User Login and Profile Access (5 SP)
2. User Story 7: View Profile Summary (3 SP)
3. User Story 5: Update Contact Information (5 SP)
4. User Story 2: Customize Profile Picture (8 SP)
5. User Story 3: Set Privacy Options (8 SP)
6. User Story 6: Notifications Settings (8 SP)
7. User Story 4: Theme Customization (13 SP)

Sprint Goals:

1. Complete User Stories 1, 7, and 5 in Sprint 1.
2. Complete User Stories 2 and 3 in Sprint 2.
3. Complete User Stories 6 and 4 in Sprint 3.

Definition of Done:

- Code is written and peer-reviewed.
- Functionality is tested and verified by QA.
- Documentation is updated.
- Feature is demonstrated to the Product Owner and stakeholders.
- Approved by the Product Owner.

Risks and Mitigation:

1. Risk: Delays in Development
- Mitigation: Regular stand-up meetings to identify and resolve issues promptly.

2. Risk: Unclear Requirements
- Mitigation: Close collaboration with the Product Owner to clarify user stories.

3. Risk: Integration Issues
- Mitigation: Continuous integration and testing to catch issues early.

Communication Plan:

- Daily Stand-up Meetings
- Weekly Sprint Review and Retrospective Meetings
- Bi-weekly Stakeholder Updates

Tools:

- Jira for backlog management and sprint tracking.
- Confluence for documentation.
- Git for version control.

This plan aims to ensure that the feature is developed efficiently and meets user needs while maintaining flexibility to adapt to changes.

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.

Daily Standup Meeting Script

Date: [Current Date]

Time: 10:00 AM

Attendees:

- Alex (Product Owner)
- Jamie (Scrum Master)
- Dev Team: Chris, Taylor, Morgan, Pat, Jordan
- QA Engineers: Sam, Casey

* Jamie (Scrum Master): Good morning, everyone! Let's get started with our daily standup. We'll go around and share what we did yesterday, what we'll do today, and any blockers we might be facing. Alex, would you like to start?

Alex (Product Owner): Sure! Yesterday, I reviewed the user stories and refined the acceptance criteria for User Stories 2 and 3. Today, I'll be available for any questions and will check in with our stakeholders for feedback. No blockers from me.

Jamie (Scrum Master): Great, thanks Alex. Chris, you're up next.

Chris (Developer): Yesterday, I finished the login functionality for User Story 1. Today, I'll start working on accessing and displaying the profile summary for User Story 7. No blockers right now.

Jamie (Scrum Master): Thanks, Chris. Taylor?

Taylor (Developer): Yesterday, I worked on the backend logic for updating contact information (User Story 5). Today, I plan to integrate it with the frontend. My only blocker is needing some clarification on the validation rules for contact fields.

Alex (Product Owner): I'll set up a quick meeting after this standup to go over the validation rules with you.

Jamie (Scrum Master): Sounds good. Morgan?

Morgan (Developer): I was working on the API for profile picture customization (User Story 2). I ran into an issue with the image upload size limit. Today, I'll continue with this task and look for a solution. No other blockers.

Jamie (Scrum Master): Let's address this challenge later in the meeting. Pat, your turn.

Pat (Developer): Yesterday, I set up the notification settings page (User Story 6). Today, I'll work on the backend integration. No blockers from my side.

Jamie (Scrum Master): Thanks, Pat. Jordan?

Jordan (Developer): I was fixing some bugs in the privacy options (User Story 3). Today, I'll continue with that and start on the unit tests. No blockers.

Jamie (Scrum Master): Good to hear. Sam?

Sam (QA Engineer): Yesterday, I tested the login functionality and found a few minor issues.

Today, I'll retest after Chris's updates and start testing the profile summary. No blockers.

Jamie (Scrum Master): Thanks, Sam. Casey?

Casey (QA Engineer): I was preparing test cases for updating contact information and will continue with that today. No blockers from me.

Jamie (Scrum Master): Great, thanks everyone. Now, let's circle back to Morgan's issue with the image upload size limit. Morgan, have you looked into any potential solutions yet?

Morgan (Developer): Yes, I found a few options. We can either increase the server's upload size limit or compress the images before upload. I'd like some input on which approach would be best.

Alex (Product Owner): From a user perspective, image quality is important. I'd lean towards increasing the server's upload size limit. We should also ensure that the front end provides clear feedback if an upload fails due to size constraints.

Jamie (Scrum Master): That sounds like a good approach. Morgan, can you coordinate with Pat to handle the backend changes and with Jordan for any necessary front-end adjustments?

Morgan (Developer): Absolutely, I'll reach out to both of them after this meeting.

Jamie (Scrum Master): Excellent. Before we wrap up, any other questions or concerns?

Team: (All shake heads or respond with "No")

Jamie (Scrum Master): Alright, thanks everyone. Let's have a productive day!

End of Meeting