**Noman Khan Day 4 Assignments**

**Assignments 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 Name:** Enhance User Profile Management

**Project Vision:** Improve user experience by allowing users to customize their profiles with additional information and preferences.

**Sprint 1 (Duration: 2 weeks)**

**Objective:** Set up basic infrastructure and user interface for profile customization.

**Backlog:**

**User Story:** As a user, I want to be able to edit my basic profile information.

**Acceptance Criteria:**

Display current profile information.

Allow editing and saving changes.

**Story Points:** 3

**User Story:** As a user, I want to upload a profile picture.

**Acceptance Criteria:**

Upload functionality with image preview.

Validate image format and size.

**Story Points:** 2

**User Story:** As a user, I want to set my notification preferences.

**Acceptance Criteria:**

Provide checkboxes for various notification types.

Save user preferences.

**Story Points:** 3

**Sprint Goal:** Complete basic profile editing and initial customization features.

**Prioritized User Stories:**

Edit basic profile information

Set notification preferences

Upload profile picture

**Tasks for Sprint 1:**

Set up database schema for user profiles.

Implement frontend for profile editing.

Implement image upload functionality.

Implement notification preferences UI.

### **Sprint 2 (Duration: 2 weeks)**

**Objective:** Expand profile customization with advanced features.

**Backlog:** 4. **User Story:** As a user, I want to add additional personal details to my profile.

**Acceptance Criteria:**

Add fields for interests, biography, etc.

Validate input for required fields.

**Story Points:** 5

**User Story:** As a user, I want to choose a theme for my profile page.

**Acceptance Criteria:**

Provide theme options with preview.

Save selected theme.

**Story Points:** 3

**Sprint Goal:** Implement advanced profile customization features.

**Prioritized User Stories:**

Add additional personal details

Choose profile theme

**Tasks for Sprint 2:**

Expand database schema for additional profile details.

Enhance frontend for advanced profile editing.

Implement theme selection functionality.

### **Sprint 3 (Duration: 2 weeks)**

**Objective:** Improve user engagement with social features.

**Backlog:** 6. **User Story:** As a user, I want to connect my profile to social media accounts.

**Acceptance Criteria:**

Integrate with Facebook and Twitter.

Display linked social media icons on profile.

**Story Points:** 8

**User Story:** As a user, I want to view other users' public profiles.

**Acceptance Criteria:**

Implement public profile view.

Ensure privacy settings are respected.

**Story Points:** 5

**Sprint Goal:** Enhance user engagement through social integration.

**Prioritized User Stories:**

Connect profile to social media

View other users' profiles

**Tasks for Sprint 3:**

Implement OAuth integration with Facebook and Twitter.

Develop UI components for displaying linked social media icons.

Implement public profile view with privacy controls.

### **Project Review and Retrospective**

**Review:** Demonstrate completed user stories and gather feedback.

**Retrospective:** Discuss what went well, what could be improved, and action items for the next sprint.

**Key Metrics:**

User engagement with new profile features.

Feedback from user surveys and support tickets.

**Next Steps:**

Prioritize backlog items based on feedback and analytics.

Plan subsequent sprints to iterate and improve profile management features.

**Project Team:**

Product Owner: Noman Khan

**Assingment 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: [Today's Date]** **Time: [Start Time]** **Location: [Virtual/Physical Location]**

**Attendees:**

Product Owner: [PO's Name]

Scrum Master: [SM's Name]

Developers: Developer A, Developer B, Developer C

**Facilitator (SM):** Good [Morning/Afternoon], everyone. Let's get started with our Daily Standup meeting. Today, we'll discuss our progress, any challenges, and ensure we're on track to meet our sprint goals.

**Developer A:** I'll start. Yesterday, I completed the frontend for editing basic profile information. Today, I'll work on integrating the backend API for saving changes. No blockers.

**Developer B:** Yesterday, I finished implementing image upload functionality. I encountered an issue with file size validation, but it's resolved now. Today, I plan to start on the notification preferences UI. No blockers.

**Developer C:** Yesterday, I worked on setting up the database schema for additional profile details. It took longer than expected due to schema conflicts, but I've resolved them. Today, I'll finish implementing the UI for adding personal details. No blockers.

**PO:** Thank you, team. It's good to hear about your progress. One challenge I foresee is ensuring the user interface is intuitive and aligns with our design standards. How are we addressing this?

**SM:** That's a valid concern, [PO's Name]. We can schedule a quick design review session with our UX designer this afternoon to ensure consistency across the new features. I'll coordinate this.

**Developer A:** Sounds good. We can also create a checklist based on our design guidelines to validate our implementation before we move to the next feature.

**PO:** Great suggestion, Developer A. Let's make sure we incorporate this checklist into our process going forward.

**SM:** Any other challenges or dependencies impacting our progress?

**Developer B:** I have a dependency on Developer C's backend API for notification preferences. Could we sync up after this standup to align on the API endpoints?

**Developer C:** Sure, Developer B. I'll make sure to prioritize that and get it ready for your integration.

**SM:** Perfect. Let's wrap up. Today's focus is on completing the backend API for saving profile changes, finishing the UI for notification preferences, and syncing on the API integration. If any blockers arise, reach out to me or the team for support.

**PO:** Thank you, everyone. Keep up the good work. We're making solid progress.

**Developer C:** One last thing, I'll update our task board with today's priorities and dependencies for transparency.

**SM:** Excellent. Let's reconvene tomorrow to review our progress. Have a productive day, team!

**All:** Thank you!

**End of Daily Standup Meeting**