**MD YASEEN**

**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.**

**Solution :**

Let’s follow Agile planning techniques in the project.

**Project: Enhancing User Authentication**

**Vision:**

To improve user authentication by implementing multi-factor authentication (MFA) for our web application.

**Goals:**

**1.**Enhance security by adding MFA.

2. Improve user experience during login.

**Backlog Items:**

1. **User Story:** As a user, I want to enable MFA for my account.
2. **User Story:** As a developer, I want to integrate MFA libraries into our authentication flow / process.
3. **User Story:** As a product owner, I want to define MFA methods (e.g., Through SMS, Through email, or by an authenticator app).
4. **User Story:** As a tester, I want to verify MFA functionality across different devices, browsers and search engines.

**User Stories (Priority wise):**

1. **Enable MFA for User (** High Priority )

* Implement MFA settings in user profiles.
* Allow user to choose their preferred MFA method.

1. **Integrate MFA Libraries** (Medium Priority )

* Research and select appropriate MFA libraries.
* Integrate libraries guidelines for users.

1. **Define MFA Methods (** Low Priority )

* Collaborate with stakeholders to decide supported MFA methods.
* Document, guidelines for users.

1. **Test MFA Across Devices (** Low Priority )

* Conduct end-to-end testing on various devices and browsers.
* Address any issues found during testing.

**Timeline:**

* Sprint 1 ( 2 weeks ) :
* Set up MFA settings in user profiles.
* Integrate MFA libraries.
* Sprint 2 ( 2 weeks ):
* Define MFA methods.
* Begin testing MFA functionality
* Sprint 3 ( 2 weeks ):
* Complete testing and address any issues.
* Deploy MFA to production.

**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.**

**Solution :**

**Daily Standup Meeting – Development Team**

**Agenda:**

1. **Check-in:**

Each team member briefly shares their progress and any blockers.

1. **Challenge Discussion:**

Address the challenge related to task dependencies.

1. **Solution Proposal:**

Propose a solution to resolve the challenge.

1. **Next Steps:**

Define action items for the day.

**Team Members:**

1. **Alok (Product owner)**
2. **Md Yaseen (Developer)**
3. **Kuldeep (Tester)**
4. **Shadan (Scrum Master)**

**Challenge: Task Dependencies**

* **Context:** Md Yaseen is working on integrating MFA libraries, but he is waiting for Alok to finalize the supported MFA methods.
* **Impact:** This dependency delays Md Yaseen’s progress and effects the overall sprint timeline.

**Solution Proposal:**

* **Alok:** “Thanks, team. I have been discussing MFA methods with stakeholders. We will support SMS, email, and authenticator app-based MFA”.
* **Md Yaseen:** “Great, I will proceed with integrating the libraries based on these methods”.
* **Kuldeep:** “I will start preparing test cases for MFA scenarios”.
* **Shadan:** “Let’s ensures daily sync-ups with Alok to address any changes”.

**Next Steps:**

1. **Alok:** Finalize MFA methods and communicate them to the team.
2. **Md Yaseen:** Begin integrating MFA libraries based on the finalized methods.
3. **Kuldeep:** Prepare test cases for MFA functionality.
4. **Shadan:** Facilitate communication and remove any blockers.