Assignment – 1:

==**Agile Project Planning - Create a one-page project plan for a newsoftware feature using Agile planning techniques. Include backlogitems with estimated story points and a prioritized list of user stories.**==

Solution :

Let's follow Agile planning techniques in the project.

Project: Implementing UPI Payments
Vision:

To streamline payment processes and provide users with a convenient and secure way to make transactions through UPI.

Goals:

1. Enable users to make payments seamlessly using UPI.

2. Enhance security measures to protect user financial information.

Backlog Items:

1. **User Story**: As a user, I want to link my bank account to the application for UPI payments.
2. **User Story**: As a developer, I want to integrate UPI payment SDK/API into our application.
3. **User Story**: As a product owner, I want to design a user-friendly interface for initiating UPI payments.
4. **User Story**: As a tester, I want to verify UPI payment functionality across different devices and networks.

User Stories (Priority wise):

1. **Link Bank Account (High Priority):**

   - Implement bank account linking functionality.
   - Verify bank account details securely.

2. **Integrate UPI Payment SDK/API (Medium Priority):**

- Research and select appropriate UPI payment SDK/API.
- Integrate SDK/API into the application.

3. **Design User Interface (Low Priority)**
   - Collaborate with stakeholders to design an intuitive UI for initiating UPI payments.
   - Implement UI design for payment initiation.

4. **Test UPI Payments Across Devices (Low Priority):**
   - Conduct end-to-end testing of UPI payment functionality on various devices and networks.
   - Address any issues found during testing.

Timeline:

- **Sprint 1 (2 weeks) :**
  - Begin research and integration of UPI payment SDK/API.
  - Implement bank account linking functionality.

- **Sprint 2 (2 weeks):**
  - Complete integration of UPI payment SDK/API.
  - Design user interface for UPI payment

- **Sprint 3 (2 weeks):**
  - Conduct end-to-end testing of UPI payment functionality.
  - Address any issues identified during testing.
  - Deploy UPI payment feature to production

Assignment – 2:

<mark>**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 incorporatea solution into the communication flow.**</mark>

Solution :

Daily Standup Meeting – Development TeamAgenda:

1. **Check-in:**

   Each team member briefly shares their progress and any blockers.

2. **Challenge Discussion:**

   Address the challenge related to integrating UPI payment SDK/API.

3. **Solution Proposal:**

   Propose a solution to expedite the integration process.

4. **Next Steps:**

   Define action items for the day.

Team Members:

1. **Jhon (Product owner)**
2. **Manjula (Developer)**
3. **Alex (Tester)**
4. **Mokshith (Scrum Master)**

Challenge: Task Dependencies

- **Context:** Manjula is working on integrating the UPI payment SDK/API, but he's facing challenges with understanding the documentation and SDK integration process.
- **Impact:** This dependency delays Manjula's progress and effects theoverall sprint timeline.

Solution Proposal:

- **Jhon:** "Thanks, team. I've looked into the UPI payment SDK/API documentation and found some helpful resources. Md Yaseen, let's schedule a quick knowledge-sharing session after the standup to go through the integration steps together".
- **Manjula:** "That sounds great, Alok. I appreciate the support. I'll be ready to discuss and get started on the integration".
- **Alex:** "While Manjula works on the integration, I'll review the test cases for UPI payments to ensure comprehensive coverage".
- **Mokshith:** "Let's also keep communication channels open for any questions or issues that arise during the integration process".

Next Steps:

1. **Jhon:** Schedule a knowledge-sharing session with Md Yaseen for UPI payment integration.
2. **Manjula:** Participate in the knowledge-sharing session and begin the integration process.
3. **Alex:** Review and update test cases for UPI payment functionality.
4. **Mokshith:** Facilitate communication and support for the team members, addressing any blockers promptly.