

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.

### **Food Delivery App:**

#### **Backlog Items:**

User Profile Creation (5 story points):

As a user, I want to register and log in to the app, so I can access personalized features.

Restaurant Recommendation Algorithm (8 story points)

As a user, I want to browse nearby restaurants, so I can choose where to order from.

Menu Recommendation Algorithm (8 story points)

As a user, I want to view restaurant details, including menu and reviews, so I can make informed decisions.

Ordering Algorithm (13 Story points)

As a user, I want to add items to my cart and place orders, so I can purchase food.

Tracking performance (13 story points)

As a user, I want to track my order status in real-time, so I know when to expect my delivery.

Rating (5 Story points)

As a user, I want to rate and review restaurants, so I can share my experiences with others.

#### **Prioritized List of User Stories:**

**Ordering Algorithm (13 Story points):** As a user, I want to add items to my cart and place orders, so I can purchase food.

**Tracking performance (13 story points):** As a user, I want to track my order status in real-time, so I know when to expect my delivery.

**Restaurant Recommendation Algorithm (8 story points):** As a user, I want to browse nearby restaurants, so I can choose where to order from.

**Menu Recommendation Algorithm (8 story points):** As a user, I want to view restaurant details, including menu and reviews, so I can make informed decisions.

**User Profile Creation (5 story points):** As a user, I want to register and log in to the app, so I can access personalized features.

**Rating (5 Story points):** As a user, I want to rate and review restaurants, so I can share my experiences with others.

## **Release Plan:**

**Sprint 1:** User Profile Creation, Restaurant Recommendation Algorithm

**Sprint 2:** Menu Recommendation Algorithm, Ordering Algorithm

**Sprint 3:** Tracking performance

**Sprint 4:** Rating.

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.

## **Stand up call on Sprint 1:**

Scrum Master: Good morning, team. Let's start our daily standup. We'll go around and each share what we did yesterday, what we plan to do today, and any problems we're facing. Let's start with you, Developer 1.

Developer 1(Back-end Developer): Yesterday, I finished setting up the database for the User Profile Creation feature. Today, I'll start working on the API endpoints for registration and login. No blockers at the moment.

Scrum Master: Great work, Developer 1. Next, let's hear from Developer 2.

Developer 2(front developer): Yesterday, I completed the blueprint for the registration and login pages. Today, I'll start coding these pages. However, I'm blocked because I need the API endpoints from Developer 1 to proceed.

Scrum Master: Thanks for sharing, Developer 2. Developer 1, could you coordinate with Developer 2 once the API endpoints are ready?

Developer 1: Sure, I'll do that.

Scrum Master: Excellent. Now, let's move on to developer 3.

developer 3(Data Scientist): Yesterday, I started working on the Restaurant Recommendation Algorithm. I'm currently gathering and cleaning the data. Today, I'll continue with this task. No blockers so far.

Scrum Master: Thanks, developer 3. Lastly, let's hear from developer 4.

developer 4 (QA Engineer): Yesterday, I prepared the test cases for the User Profile Creation feature. Today, I'll start testing as soon as Developer 2's pages are ready. I'm currently blocked on that.

Scrum Master: Thanks, Ryan. Developer 2, please coordinate with Ryan as well once the pages are ready for testing.

Developer 2: Will do.

Scrum Master: Great. Let's have another productive day.

Trello:

<https://trello.com/invite/b/Ou8xQpUg/ATTI135bd12d0fca724f84c615979382671b6251A655/fda>

Jira:

<https://sreenathgandra12.atlassian.net/jira/software/projects/FDA/boards/2/backlog?epics=visible&atlOrigin=eyJpIjoiYmJhMzZhNDgyMzM4NGRhN2I2ZjE3ZjcwZmE3MTlhNTQiLCJwIjoiajI9>