**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.

**Agile Project Planning: FoodiePal**

**Feature Description: Meal Recommendation System**

* **Backlog Items:**

1. **User Preferences Setup**

* Allow users to choose their food preferences, like dietary restrictions and favorite cuisines.
* Story Points: 3

1. **Meal Recommendation Algorithm**

* Create an intelligent system that suggests meals based on user preferences and past orders.
* Story Points: 8

1. **Integration with Restaurant Menus**

* Connect the recommendation system with restaurant menus to suggest relevant dishes.
* Story Points: 5

1. **User Feedback Collection**

* Enable users to give feedback on recommended meals to improve future suggestions.
* Story Points: 3

1. **Personalized Meal History**

* Provide a section where users can see their past recommended meals and ratings.
* Story Points: 5
* **Prioritized User Stories:**

1. **Setting Food Preferences**

* Priority: High
* Story Points: 3
* As a user, I want to set my food preferences to get personalized meal recommendations.

1. **Receiving Meal Recommendations**

* Priority: High
* Story Points: 8
* As a user, I want to get meal suggestions based on my preferences and past orders.

1. **Integration with Menus**

* Priority: Medium
* Story Points: 5
* As a user, I want the system to suggest dishes from restaurant menus seamlessly.

1. **Providing Feedback**

* Priority: Medium
* Story Points: 3
* As a user, I want to give feedback on recommended meals to improve future suggestions.

1. **Viewing Meal History**

* Priority: Low
* Story Points: 5
* As a user, I want to see my past recommended meals and how I rated them.
* **Project Plan:**

1. Sprint 1:
   * User Preferences Setup (3 points)
   * Meal Recommendation Algorithm (8 points)
2. Sprint 2:

* Integration with Restaurant Menus (5 points)

1. Sprint 3:

* User Feedback Collection (3 points)

1. Sprint 4:

* Personalized Meal History (5 points)

**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: FoodiePal Development Team**

Date: [07/05/2024]

Time: [01:30]

Location: [Virtual Meeting Room (MS TEAMS)]

Attendees: [3]

**Facilitator**: Good [Morning/Afternoon] everyone! Let's start our daily standup meeting. We'll go around and share what we did yesterday, what we're planning for today, and if there are any challenges we're facing.

**Developer 1:** Yesterday, I worked on setting up user preferences. I had some trouble with the database, but I fixed it by asking our database expert. Today, I'll keep working on user preferences and start on the meal recommendation part. No problems so far.

**Developer 2:** Yesterday, I focused on improving the meal recommendation system. It's going well, but I got stuck when trying to make it faster. I'll ask our algorithm expert for help today. Also, I'll begin connecting with restaurant menus.

**Developer 3:** Yesterday, I was busy connecting the recommendation system with restaurant menus. I had some trouble with the API, but our backend team helped me fix it. Today, I'll keep working on that and start collecting feedback from users.

**Facilitator**: Thanks for sharing, everyone. It sounds like we're making good progress, even though we've faced some challenges.

* **Common Challenge Addressed:**

**Facilitator**: I've noticed some of us need help from other team members or specialists, which is okay. To make it easier, let's follow these steps:

* Try to Fix It Yourself: Spend some time trying to solve the problem on your own.
* Ask for Help: If you can't fix it, ask the right person for help.
* Keep Track: Write down what went wrong and how you fixed it. It'll help us learn from our mistakes.
* Let's keep each other updated on any challenges we face.

**Developer 1:** That makes sense. I'll remember that.

**Developer 2:** Yeah, I'll do that too.

**Facilitator:** Great! Let's keep working together. If you need help or have any questions, just ask.

**Developer 3:** Got it. Thanks, everyone!

**Facilitator:** That's it for today's standup. Let's keep up the good work and have a great day, everyone!

Time: [02:30]