

Assignment 1

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 Title: Food Delivery App - New Feature Implementation

Project Objective: To enhance the food delivery app with a new feature that allows users to track their orders in real-time.

Epic:

Customer

Sprint 1 :(2 weeks)

Scrum 1: Register user in the app.

Scrum 2: Login App

Backlog:

Authenticate the user first

- ask user to register and log in

Task 1:

Create registration page/login page.

Sprint 2: (3 weeks)

Scrum 3: Search for the Hotels then menu

Scrum 4: Order from Hotels

Scrum 5: Cancel order

Backlog:

- Display the restaurant that user search for
- Display a list of restaurant that user needs

Display menu

- Display menu to user for selected restaurant

Place order

- allow user to select item and place a order for the same

Cancel order

- Allow user to cancel any item form cart and also allow canceling the order anytime the user want

Task 2:

Create page for hotel list, food items available in that.

Sprint 3 :(week 2-3)

Scrum 6: Cancel payment/ failed payment

Scrum 7: Complete payment

Scrum 8: Complete Transaction.

Backlog:

Payment

-Give a payment gateway for seamless transaction

Task 3: Gateway for the payment success or failed, add features to backend.

Sprint 4 :(week 1)

Scrum 9: Tracking order

Scrum 10: Cancel order

Backlog:

Tracking order

-As a user, enable users to track the status of their order in real-time.

Task 4: Adding functionality to the Tracking system via Google-Maps.

Sprint 5: (week 1)

Scrum 11: Rating food, food delivery boy, and hotel.

Backlog:

Rating

-Allow user to give rating for food as well as delivery boy.

Task 5: Rating Feature at front-end.

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.

[Team gathers around for the Daily Stand-up meeting. Each member is prepared to share updates and discuss any challenges they're facing.]

Facilitator: Good morning team! Let's kick off our Daily Stand-up meeting. As usual, let's go around the virtual room and share our updates. Remember to keep it concise, focusing on what you accomplished yesterday, what you plan to do today, and any roadblocks you're encountering. Who wants to start?

Dev 1: I'll go first. Yesterday, I completed the frontend design for the login page. Today, I plan to start integrating it with the backend authentication system. The challenge I'm facing is that the API documentation for the authentication service is out-dated, and I'm having trouble understanding some of the endpoints.

Facilitator: Thanks for sharing, Dev 1. It sounds like you're making good progress. Have you tried reaching out to the backend team to see if they can provide clarification on the endpoints?

Dev 1: Yes, I've sent them an email yesterday, but I haven't received a response yet.

Facilitator: Okay, let's make a note of that. In the meantime, is there anything else you can work on while waiting for their response?

Dev 1: I could start working on the frontend for the registration page since it doesn't depend on the backend endpoints.

Facilitator: Great idea. It's important to keep the momentum going. Just keep us updated on any progress with the backend team.

Dev 2: I can go next. Yesterday, I finished setting up the database schema for user profiles. Today, I'll be writing the API endpoints for user registration. The challenge I'm facing is that I'm not sure about the data validation requirements for user input.

Facilitator: Thanks for sharing, Dev 2. Data validation is crucial for maintaining data integrity and security. Have you consulted the product owner or any relevant documentation to clarify the validation requirements?

Dev 2: I've looked through the user stories, but they're a bit vague on the validation rules.

Facilitator: Okay, let's make a note to get clarification on that. In the meantime, you could implement some basic validation based on common sense rules and we can iterate on it once we have more information.

Dev 3: I'll go next. Yesterday, I completed the backend implementation for user authentication. Today, I'll be writing unit tests for the authentication endpoints. The challenge I'm facing is that some of the tests are failing unexpectedly.

Facilitator: Thanks for sharing, Dev 3. Failing tests can be frustrating, but they're an important part of ensuring the reliability of our code. Have you identified the cause of the failures?

Dev 3: Yes, it seems to be an issue with the mock data I'm using in the tests. I'll investigate further to pinpoint the problem.

Facilitator: Sounds like a plan. Don't hesitate to reach out if you need any assistance troubleshooting. Let's aim to get those tests passing by the end of the day.

Facilitator: Alright, it looks like we've covered everyone. Before we wrap up, I want to remind everyone to update their tasks on the project management tool and to communicate any blockers promptly. Let's keep up the good work and tackle these obstacles together. Have a productive day, everyone!