

Assignment no 3

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:-

Food Delivery app

Project Goal: Enhance user experience by implementing a new feature that allows users to track the delivery status in real-time.

Project Team:

-Product Owner:

-Scrum Master:

-Development Team:

Sprint Duration: 2 weeks

Epic:

Sprint 1:

scrum 1: Register, Login to the app

Sprint 2:

scrum 2: Search for the hotel then menu

scrum 3: Order from hotel

Sprint 3:

scrum 4: Cancel Payment

scrum 5: complete payment

scrum 6: complete transaction

Sprint 4:

Scrum 7: Track order

scrum 8 :cancel order

Sprint 5:

scrum 9: rating for food and delivery boy, hotels.

Backlog Items:

1. Authenticate the user first

- ask user to register and log in

- Story points: 3

2.Display the restaurants that user search for

- Display a list of restaurants that user needs
- Story points: 5

3.Display menu

- Display menu to user for selected restaurant
- Story points:5

4.Payment

- Give a payment gateway for seamless transaction
- Story Points:5

5.Place order

- allow user to select item and place a order for the same
- Story points:8

6.Cancel order

- Allow user to cancel any item from cart and also allow to cancel the order anytime the user want
- Story points:5

7.Tracking order

- Enable users to track the status of their order in real-time
- Story points:3

8.rating

- Allow user to give rating for food as well as delivery boy and also for hotels.
- Story points:5

Prioritizing user stories:-

User Story: As a user, I want to see the status of my order in real-time.

User Story: As a user, I want to receive notifications when my order status changes.

User Story: As a user, I want to view the estimated delivery time for my order.

User Story: As a user, I want to contact the delivery driver directly.

User Story: As a user, I want to see the location of the delivery driver on a map.

Sprint Planning:

- Sprint Duration: 2 weeks
- Sprint Goal: Implement user authentication, restaurant listings, and menu display.

Sprint Backlog:

1. User Authentication
2. Restaurant Listings
3. Menu Display

Sprint Review:

- Review completed user stories and gather feedback.

Sprint Retrospective:

- Reflect on what went well and what could be improved, and plan adjustments for the next sprint.

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 Script

Team gathers around in a designated area or virtually via video conference.

Facilitator: Good morning everyone, let's kick off our daily standup meeting. Today, we'll discuss our progress on the software feature for the Food Delivery app. As usual, let's go around and each team member shares their updates and any blockers they're facing.

Developer 1: Thanks, [Facilitator]. Yesterday, I completed the user registration functionality. It took a bit longer than expected due to some integration issues with our authentication service, but it's working now. No blockers for me today.

Developer 2: Morning everyone. I focused on implementing the restaurant listings feature yesterday. Ran into an issue with retrieving location data from our API, but after some debugging, it's resolved now. No blockers today.

Developer 3: Hi everyone. I worked on the menu display feature yesterday. It's coming along well, but I encountered a challenge with rendering images from the server. Spent some time researching and found a workaround using a different image library. It's working smoothly now. No blockers today.

Facilitator: Great progress, team! It's good to see everyone tackling their tasks effectively. Now, before we move on, does anyone have any blockers or challenges they're currently facing that require assistance?

Developer 4: Actually, [Facilitator], I've been working on the ordering functionality, and I've hit a roadblock. The API endpoint we need to use for placing orders seems to be returning errors intermittently, and it's impacting my progress.

Facilitator: Thanks for bringing that up, [Developer 4]. Let's address this challenge together. Have you tried reaching out to the backend team to see if they're aware of any issues with the endpoint?

Developer 4: Yes, I've sent a message to the backend team, but I haven't received a response yet.

Facilitator: Okay, in the meantime, let's explore potential workarounds to keep your momentum going. [Developer 4], would you be able to continue working on other aspects of the ordering functionality that aren't dependent on this particular endpoint? Perhaps you could focus on UI improvements or error handling until we get a resolution from the backend team.

Developer 4: That sounds like a good plan. I'll shift my focus to those areas while we wait for a response.

Facilitator: Excellent. Remember, communication is key, so let's continue to keep each other informed of any updates or changes. If there are no further blockers or challenges, let's wrap up the meeting and get back to our tasks. Thanks, everyone!

End of Daily Standup Meeting

This script demonstrates how a Daily Standup meeting can be conducted for a development team working on a software feature, addressing common challenges such as technical blockers and incorporating solutions to keep the project on track.