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 Method: Agile Methodology meaning a practice that promotes continuous iteration of development and testing throughout the software development lifecycle of the project.

It will be done by the process of

- Planning
- Designing
- Implementation
- Deployement
- Maintance

Here we do the project planning for the software feature

Project Name: Mobile app feature extension .

Project Time period: 35days(5 weeks).

Project Goal : we Enhance user engagement and retention by adding new features to the mobile app.

Backlog Items:

User story:	story points
As a user, I want to enable push notifications for important updates.	5
As a user, I want to have a dark mode option for the app.	8
As a user, I want to access app usage statistics.	3

- As a user, I want to personalize my app experience   5
  with custom themes.

- As a user, I want to share content from the app to   8
   social media platforms.

- As a user, I want to provide feedback directly from the app.   3

Sprint Planning:

Sprint 1(2 weeks):

Approach:

The goal of Sprint 1 is to implement key features that directly enhance user engagement and experience, namely the push notification feature and dark mode functionality.

- **Implementation Push notification Feature:** In this integrating push notification services into the mobile app to deliver important updates and notifications to users in real-time. It requires backend integration and UI adjustments to allow users to manage their notification preferences.
- **Developing the Dark mode implementation:**

  Dark mode is a highly requested feature by users. This task involves redesigning UI elements and optimizing app visuals to provide users with the option to switch between the light and dark modes seamlessly It requires thorough testing across different devices and screen sizes to ensure consistent user experience.

Sprint2(2 weeks):

 Approach: Sprint 2 focuses on enhancing the app's usability and personalization by integrating app usage statistics and allowing users to customize their app experience with custom themes.

Integrate app usage:

Here we involving in implementing tracking mechanisms within the app to gather relevant usage data, such as time spent in the app, most frequently visited sections, and user interactions. The collected data will be used to provide insights for future feature enhancements and optimizations.

Adding the custom themes for the App:

Customizability is key to user satisfaction. This task involves developing a feature that allows users to choose from a variety of predefined themes or create their own custom themes within the app. It requires UI/UX design considerations to Selection themes.

Sprint3(1 week):

Implementing the social media sharing Integrate social media APIs for easy content sharing. Requires UI adjustments for seamless sharing options.

App feedback system:

Create user-friendly feedback system for suggestions and issue reporting. Requires backend integration for effective feedback processing.

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:

Scrum master: Good morning, everyone. Let's start our daily standup meeting. As usual, let's keep it brief and focused.

Developers or Team: Good Morning!

Scrum Master or Manager: Let's go around the virtual room and each give a quick update on what the project we are on going and what we plan to do for it, and if there are any obstacles blocking our progress.

Developer 1: I worked on implementing the push notification feature and completed about 80% of the tasks. I plan to finalize the remaining implementation and start testing. No obstacles at the moment.

Developer 2: I focused on developing the dark mode functionality. I encountered a minor issue with UI alignment, but managed to resolve it. I'll continue polishing the dark mode and begin reviewing the app's performance with the new feature. No blockers.

Scrum Master or Manager: Great progress, team. Now, let's address a common challenge we've been facing - coordinating the integration of social media sharing capability. It seems like we've had some communication gaps in this area. To overcome this, I suggest we designate a point person responsible for coordinating with the client's social media API documentation and ensure clear communication among the team members involved. Any thoughts on this?

Developer 3: I agree. Having a dedicated point person will streamline the process and prevent any overlaps or misunderstandings. I can take on that role and keep everyone updated on the progress.

 Scrum Master or Manager: Perfect, Developer 3. Thank you for volunteering. Let's make sure to sync up regularly to track the progress and address any issues promptly.

   Client: I appreciate the proactive approach. Looking forward to smoother collaboration on this front.

   Scrum Master or Manager: Excellent. Let's wrap up the meeting with a quick recap of our action items: Developer 3 will take the lead on coordinating social media API integration. The rest of the team will continue with their tasks as planned. Remember, communication is key. If any roadblocks arise, don't hesitate to reach out. Let's make today another productive day.

Developers: AGREED!

Scrum Master or Manager: That concludes our standup for today. Let's get to work. Have a great day, everyone!

Team : Thankyou!