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.

Solution:

Project Name: Social Sharing Integration for Project Management Tool

Project Overview:

The aim of this project is to integrate social sharing functionality into our project management tool, allowing users to share project updates, milestones, and achievements on various social media platforms. This feature will enhance collaboration and visibility, enabling users to promote their projects and engage with stakeholders more effectively.

Project Timeline:

- Duration: 6 weeks
- Start Date: June 1, 2024
- End Date: August 12, 2024

Backlog Items:

User Story	Story Points	Priority
As a user, I want to be able to upload a profile picture.	3	High
As a user, I want to edit my personal information.	5	High
As a user, I want to add additional contact details.	3	Medium
As a user, I want to view my profile activity history.	8	Medium
As a user, I want to customize my profile settings.	5	High
As a user, I want to receive notifications for profile updates.	3	Medium
As a user, I want to delete my profile.	8	Low

Sprint Planning:

Sprint 1 (Week 1-2):

- Goal: Implement basic social sharing functionalities.

Backlog Items:

- Share project updates on LinkedIn
- Share project milestones on Twitter
- Share project achievements on Facebook

Sprint 2 (Week 3-4):

- Goal: Enhance sharing options and implement customization feature.

Backlog Items:

- Customize content when sharing
- Track engagement of shared content

Sprint 3 (Week 5-6):

- Goal: Implement post scheduling feature and conduct final testing.

Backlog Items:

- Schedule posts for future sharing

Project Deliverables:

- Completed social sharing integration with LinkedIn, Twitter, and Facebook.
- Customization options for shared content implemented.
- Tracking mechanism for engagement metrics.
- Post scheduling functionality enabled.
- Comprehensive documentation for users on how to utilize the social sharing feature effectively.

Project Risks:

API Limitations: Regular communication with social media platform APIs to ensure compliance and avoid disruptions.

<u>User Adoption:</u> Provide clear instructions and user training to encourage adoption of the new feature.

<u>Technical Challenges:</u> Engage with the development team to address any technical hurdles promptly.

Project Team:

- Product Owner
- Scrum Master
- Developers
- QA/Testers
- UX/UI Designers

Project Metrics:

- Adoption Rate: Measure the percentage of users utilizing the social sharing feature.
- Engagement Metrics: Track likes, shares, comments, and other interactions on shared content.
- Feedback: Gather user feedback to identify areas for improvement and gauge satisfaction with the feature.

Assignment-2

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:

Facilitator: Good morning, everyone. Let's begin our daily standup meeting for the Social Sharing Integration project. As always, let's keep our updates concise and focused. Who would like to start?

Team Member 1: I'll kick things off. Yesterday, I completed the integration with LinkedIn and started working on the sharing functionality for Twitter. Today, I plan to finish the Twitter integration and begin testing both LinkedIn and Twitter sharing features. No blockers to report.

Facilitator: Excellent progress, Team Member 1. Integrating with multiple social media platforms can be complex, so it's great to see you making good headway. How about Team Member 2?

Team Member 2: Yesterday, I worked on implementing customization options for shared content. I managed to add basic customization features, such as adding project hashtags and custom messages. Today, I'll focus on refining the customization UI to make it more user-friendly. No blockers.

Facilitator: That's fantastic progress, Team Member 2. Customization is a key aspect of our social sharing feature, so it's great to see you prioritizing it. Any updates from Team Member 3?

Team Member 3: Yesterday, I encountered a challenge while testing the engagement tracking feature. The API response format was different from what we expected, which caused some issues with data parsing. However, I managed to find a workaround and resolve the issue. Today, I'll conduct further testing to ensure the engagement tracking is accurate. No blockers at the moment.

Facilitator: Well done, Team Member 3. Handling unexpected API responses can be tricky, but it's great to see your problem-solving skills in action. How about Team Member 4?

Team Member 4: Yesterday, I focused on implementing the post scheduling feature. However, I encountered a delay in receiving approval for the necessary API access tokens from the social media platforms. As a result, I wasn't able to make as much progress as planned. Today, I'll follow up with the platform APIs team to expedite the approval process and continue with the implementation.

Facilitator: Thank you for bringing that up, Team Member 4. Delays in obtaining API access tokens can indeed impact our timelines. Let's make sure to prioritize resolving this blocker promptly. If you need any assistance, feel free to reach out to the necessary stakeholders or the facilitator.

Facilitator: Before we conclude, I'd like to address this challenge proactively. Since obtaining API access tokens is critical for our progress, let's ensure we have clear communication channels established with the platform APIs team. Team Member 4, could you please provide a brief update on the steps you'll take to expedite the approval process, and if you need any assistance from the team?

Team Member 4: Sure, I'll follow up with the platform APIs team via email and also reach out to our project manager to see if they can help escalate the approval process. If anyone has any contacts or suggestions that could help expedite this, please let me know.

Facilitator: Thank you, Team Member 4. Let's make sure to support each other in overcoming this challenge. If anyone has any additional insights or resources that could help, please share them with Team Member 4.

Facilitator: Alright, it looks like we've covered our updates and identified a key challenge that we'll address collaboratively. Remember, open communication and teamwork are essential for overcoming hurdles like this. Let's continue to support each other and make progress towards our goals. Have a productive day, everyone!

Team: Thank you!