

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 Plan - New Social Sharing Feature

Project Name: Implement Social Sharing Functionality

Project Goal: Develop and integrate a social sharing feature that allows users to share content directly to their social media platforms.

Development Methodology: Agile (Scrum)

Target Sprint Length: 2 Weeks

Backlog Items (Estimated Story Points):

- **API Integration (13):** Integrate with social media APIs (e.g., Facebook, Twitter) to enable content sharing.
- **User Interface Development (8):** Design and develop user interface elements for social sharing (e.g., share buttons, social media platform selection).
- **Content Formatting (5):** Implement logic to format content appropriately for each social media platform.
- **Error Handling & User Feedback (3):** Develop error handling mechanisms and user feedback messages for successful/failed sharing attempts.
- **Unit Testing (5):** Write unit tests for all social sharing functionalities.
- **Integration Testing (3):** Conduct integration testing to ensure seamless interaction with existing application features.
- **Deployment (2):** Deploy the developed feature to the production environment.

Prioritized User Stories:

1. **High Priority (5):** As a user, I want to be able to share content to Facebook and Twitter, so that I can easily spread information with my social network.
2. **Medium Priority (3):** As a user, I want to see a confirmation message after successful sharing, so that I know my content has been shared.
3. **Medium Priority (3):** As a user, I want to see an informative error message if sharing fails, so that I can understand the issue and try again.

4. **Low Priority (2):** As a user, I want to be able to share content to additional social media platforms in the future (e.g., LinkedIn, Instagram), so that I can reach a wider audience. (This can be added in a future sprint)