**Assignment 3:**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 Name:** Implement Social Sharing Functionality

**Project Goal:** Enhance user engagement by allowing users to share content directly to social media platforms.

**Timeline:** 2 Sprints (2 weeks each)

**Backlog Items :**

* **User Interface :**
  + Design social sharing buttons for various platforms (3 points)
  + Develop UI for selecting social media platform (2 points)
  + Implement functionality to pre-populate content for sharing (4 points)
  + Design success message upon successful sharing (2 points)
  + Design error handling for failed sharing attempts (2 points)
* **Backend Integration :**
  + Develop API integration with target social media platforms (6 points)
  + Implement secure data transfer for sharing content (3 points)
  + Handle user authentication for social media sharing (1 point)
* **Testing :**
  + Unit testing for social sharing functionality (3 points)
  + Integration testing with social media platforms (2 points)
  + User interface testing for various social media sharing options (2 points)

**Prioritized User Stories :**

1. **As a user, I want to be able to easily share content to popular social media platforms (Facebook, Twitter) in order to increase engagement with my network. (13 story points)**
2. **As a developer, I want a secure and reliable API integration with social media platforms to ensure safe data transfer during sharing. (6 story points)**
3. **As a user, I want to receive clear feedback on whether my content was shared successfully or if there were any errors. (4 story points)**
4. **As a developer, I want well-defined unit tests for the social sharing functionality to ensure its proper operation. (3 points)**

**Sprint Planning:**

* Each sprint will focus on delivering a core set of functionalities outlined in the prioritized user stories.
* During sprint planning meetings, the development team will estimate the effort required for each backlog item and assign them to specific team members.

**Communication & Feedback:**

* Daily stand-up meetings will keep everyone updated on progress and identify any roadblocks.
* User feedback will be actively sought through user acceptance testing (UAT) at the end of each sprint.