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.

Project: Social Network App Development

Project Goal:Create a user-friendly social networking app for connecting people based on interests and activities.

Project Duration:12 weeks

Sprint 1: Weeks 1-2

Objective:Set up the foundational structure of the app and basic user authentication.

Backlog Items:

1. User Story: As a user, I want to create an account and log in securely.

 Tasks:

   - Implement user registration with email verification.

   - Develop login functionality with password security.

Story Points:5

2. User Story: As a user, I want to create and edit my profile.

  - Tasks:

   - Allow users to upload a profile picture.

   - Provide fields for basic information like name, bio, and interests.

- **Story Points:8**

3.User Story: As a user, I want to view and connect with other users.

   -Tasks:

   - Implement a user search feature.

   - Allow users to send connection requests.

   Story Points:5

Sprint Goal:

- Enable users to register, log in securely, create/edit profiles, and connect with others.

Sprint 2: Weeks 3-4

Objective: Implement the core functionality of creating and sharing posts, photos, and comments.

Backlog Items:

4.User Story:As a user, I want to create and share posts.

   - Tasks:

   - Develop a post creation interface.

   - Allow users to add text, photos, and tags to their posts.

   Story Points:8

5. User Story:As a user, I want to comment on posts and interact with other users' content.

Tasks:

   - Implement a commenting system for posts.

   - Allow users to like and share posts.

Points:5

6.User Story:As a user, I want to view a personalized feed based on my interests and connections.

Tasks:

   - Develop an algorithm to generate a personalized feed.

   - Display posts from followed users and relevant topics.

   Story Points:8

Sprint Goal:

- Enable users to create and share posts, comment on content, and customize their feed.

Sprint 3: Weeks 5-6

Objective:Enhance user engagement with messaging and notifications.

Backlog Items:

7. User Story: As a user, I want to send direct messages to other users.

   Task:

   - Implement private messaging functionality.

   - Allow users to send text, photos, and emojis in messages.

Story Points:8

8.User Story:As a user, I want to receive notifications for new messages, comments, and connection requests.

  Tasks:

    - Develop a notification system for real-time updates.

    - Allow users to manage notification preferences.

Story Points:5

Sprint Goal:

- Enable private messaging and implement a robust notification system.

Sprint 4: Weeks 7-8

Objective:Improve user experience and add additional features.

Backlog Items:

9.User Story:As a user, I want to explore and join groups based on shared interests.

  Tasks

    - Implement group creation and discovery features.

    - Allow users to join and participate in group discussions.

  Story Points:8

10.User Story:As a user, I want to discover trending topics and popular posts.

  Tasks

    - Develop a trending section on the app's main page.

- Display popular posts and trending hashtags.

Story Points:5