**Assignment 1: Agile Project Planning**

**Project Plan for a New Software Feature: "User Profile Management"**

**Objective: Develop a feature that allows users to manage their profile information, including updating personal details, changing passwords, and managing privacy settings.**

**Sprint Duration:** 2 weeks

**Team Members:**

Product Owner: Alex

Scrum Master: Taylor

Developers: Jordan, Casey, Morgan

QA: Riley

**Backlog Items with Estimated Story Points**

1. User Authentication (5 Story Points)

* Allow users to log in and log out securely.
* Integrate with existing authentication system.

1. Profile Information Display (3 Story Points)

* Display user information on the profile page.
* Ensure data is fetched securely from the database.

1. Update Personal Details (8 Story Points)

* Allow users to update personal details like name, email, and phone number.
* Validate input data before saving.

1. Change Password (5 Story Points)

* Enable users to change their password.
* Implement password strength validation and confirmation.

1. Manage Privacy Settings (8 Story Points)

* Allow users to adjust their privacy settings.
* Include options for visibility and data sharing preferences.

1. Profile Picture Upload (5 Story Points)

* Enable users to upload and change their profile picture.
* Ensure image upload is secure and correctly formatted.

1. Notification Settings (3 Story Points)

* Allow users to manage notification preferences.
* Integrate with the existing notification system.

**Prioritized List of User Stories**

* As a user, I want to log in and log out securely, so that my account is protected. (User Authentication)
* As a user, I want to view my profile information, so that I can see my personal details. (Profile Information Display)
* As a user, I want to update my personal details, so that my information is accurate. (Update Personal Details)
* As a user, I want to change my password, so that I can keep my account secure. (Change Password)
* As a user, I want to adjust my privacy settings, so that I control who can see my information. (Manage Privacy Settings)
* As a user, I want to upload a profile picture, so that my profile is personalized. (Profile Picture Upload)
* As a user, I want to manage my notification preferences, so that I receive relevant updates. (Notification Settings)