# Assignment 01: 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.

# Movie Booking App

Project Duration-: 8 weeks

**Objective:**

The objective of this project is to enhance the functionality of our movie booking app by introducing a new feature that allows users to view movie trailers directly within

the app. By providing this feature, we aim to improve user engagement, increase user satisfaction, and differentiate our app from competitors. This feature will empower users to make more informed decisions about which movies to watch by providing them with easy access to trailers. Additionally, it will foster a more immersive and enjoyable user experience within our app, ultimately driving increased usage and retention.

**User Stories-:**

1. User Registration (3 SP) *

   - As a user, I want to register an account so that I can access the movie booking features.

## 2. Movie Listing (5 SP)

   - As a user, I want to see a list of movies currently showing so that I can choose what to watch.

## 3. Movie Details (3 SP)

   - As a user, I want to view details about a specific movie, such as synopsis, rating, and showtimes.

## 4. Seat Selection (8 SP)

   - As a user, I want to select my preferred seats for a movie screening so that I can book tickets.

## 5. Booking Confirmation (3 SP)

- As a user, I want to receive confirmation of my ticket booking with details like seat numbers and showtime.

## 6. Payment Integration (13 SP)

- As a user, I want to be able to securely pay for my movie tickets online using different payment methods.

## 7. User Profile Management (5 SP)

- As a user, I want to manage my profile details and view my booking history.

## 8. Search Functionality (8 SP)

- As a user, I want to be able to search for movies by title, genre, or actor.

## 9. Admin Panel (13 SP)

- As an admin, I want to have access to an administrative dashboard to manage movies, screenings, and user bookings.

10. Email Notifications (5 SP)

- As a user, I want to receive email notifications for booking confirmations and updates.

**Sprint Goal:** Implement core functionality for users to search, select, and book movie tickets.

**Sprint Duration:** 2 weeks

**Sprint Backlog:**

1. User Registration (3 SP)

2. Movie Listing (5 SP)

3. Movie Details (3 SP)

4. Seat Selection (8 SP)

5. Booking Confirmation (3 SP)

**Sprint 1:**

Sprint Goal: Set up the foundational features of the movie booking application.

Duration: 2 weeks

Backlog Items:

1. User Registration (3 SP)

2. Movie Listing (5 SP)

3. Movie Details (3 SP)

**Sprint 2:**

Sprint Goal: Implement essential booking features and enhance user experience.

Duration: 2 weeks

Backlog Items:

4. Seat Selection (8 SP)

5. Booking Confirmation (3 SP)

6. User Profile Management (5 SP)

**Sprint 3:**

Sprint Goal: Enhance application functionality and usability.

Duration: 2 weeks

Backlog Items:

7. Search Functionality (8 SP)
8. Admin Panel (13 SP)
9. Email Notifications (5 SP)

**Sprint 4:**

Sprint Goal: Polish and fine-tune application features.

Duration: 2 weeks

Backlog Items:

10. Payment Integration (13 SP)

**Notes:**

- Daily stand-ups will be held to track progress and discuss any impediments.

- Sprint reviews and retrospectives will be conducted at the end of each sprint to gather feedback and make necessary adjustments.

- The product owner will continuously prioritize the backlog based on user feedback and business needs.