**Project Name: Online Movie Ticket Booking Feature Enhancement**

Project Goal: To improve the online movie ticket booking system to enhance user experience and increase customer satisfaction.

**Project Team:**

Product Owner: Parkavi Arumugam

Scrum Master: Rohith

Developers: Vamsi, Vishali

Tester: Arun

**Sprint Duration: 2 weeks**

**User Story** **Story Points**

As a user, I want to search for movies by title, genre, or actor. 3

As a user, I want to view movie details including synopsis, cast, and showtimes. 5

As a user, I want to select seats for a specific showtime and movie. 8

As a user, I want to see a seating layout with available and reserved seats. 5

As a user, I want to add snacks and drinks to my booking. 3

As a user, I want to view my booking summary before confirming payment. 3

As a user, I want to securely pay for my booking using various payment methods. 8

As a user, I want to receive a confirmation email with booking details. 3

**Prioritized user stories :**

Select seats for a specific showtime and movie (8 story points)

Securely pay for booking using various payment methods (8 story points)

View movie details including synopsis, cast, and showtimes (5 story points)

See a seating layout with available and reserved seats (5 story points)

Search for movies by title, genre, or actor (3 story points)

View booking summary before confirming payment (3 story points)

Add snacks and drinks to booking (3 story points)

Receive a confirmation email with booking details (3 story points)

**Sprint 1 (Week 1-2):**

Sprint Goal: Implement functionality for movie search, viewing movie details, and selecting seats.

Tasks:

Frontend development for movie search interface

Backend development for fetching movie details and showtimes

Frontend development for displaying movie details

Frontend development for seat selection interface

Backend development for seat selection and availability

**Estimated Completion:**

Movie Search: 3 days

Movie Details: 4 days

Seat Selection: 5 days

**Sprint 2 (Week 3-4):**

Sprint Goal: Enhance booking experience by adding payment functionality and booking confirmation.

**Tasks:**

Frontend development for adding snacks and drinks

Frontend integration with payment gateway

Backend development for handling payment transactions

Email confirmation integration

Estimated Completion:

Snacks and Drinks: 3 days

Payment Integration: 5 days

Email Confirmation: 2 days

User Story: Search for Movies

Acceptance Criteria:

User can search for movies by title, genre, or actor.

Search results are relevant and displayed in a clear format.

Search functionality is responsive and intuitive.

User Story: View Movie Details

Acceptance Criteria:

User can access detailed information about a selected movie including synopsis, cast, and showtimes.

Movie details are accurate and up-to-date.

Showtimes are presented in a user-friendly format with dates and times clearly visible.

User Story: Select Seats

Acceptance Criteria:

User can choose seats for a specific movie and showtime.

Available seats are clearly distinguishable from reserved seats.

Seat selection process is smooth and intuitive, allowing for easy modifications.

User Story: View Seating Layout

Acceptance Criteria:

User can see a visual representation of the seating layout for a selected showtime.

Available and reserved seats are clearly marked.

Seating layout is responsive and adjusts to different screen sizes.

User Story: Add Snacks and Drinks

Acceptance Criteria:

User can add snacks and drinks to their booking.

Available snacks and drinks are displayed with clear descriptions and prices.

Snacks and drinks are added to the booking total accurately.

User Story: View Booking Summary

Acceptance Criteria:

User can review the booking summary including selected movie, showtime, seats, snacks, drinks, and total amount.

Booking summary is presented clearly and includes all relevant details.

User can easily make changes to the booking if necessary before confirmation.

User Story: Pay for Booking

Acceptance Criteria:

User can securely pay for their booking using various payment methods (e.g., credit card, PayPal).

Payment process is smooth, with clear instructions and options.

Payment information is encrypted and secure.

User Story: Receive Confirmation Email

Acceptance Criteria:

User receives a confirmation email shortly after completing the booking process.

Email contains detailed booking information including movie title, showtime, seats, snacks, drinks, and total amount.

Email is sent to the email address provided during the booking process.

Email format is professional and includes branding elements.