

Semester	T.E. Semester V – INFT
Subject	SEWDL
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Assisting Teachers	
Laboratory	

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Experiment Number	3
Experiment Title	Test Plan for Online Movie Ticket Booking System
Resources / Apparatus Required	
Objectives (Skill Set / Knowledge Tested / Imparted)	
Program	1. Introduction <ul style="list-style-type: none"> ○ Purpose: To ensure that the online movie ticket booking system works flawlessly and provides a seamless experience for users looking to browse movies, select showtimes, book tickets, and complete payments. ○ Scope: This plan covers key functionalities, user interactions, and experiences from browsing movies to receiving booking confirmations.

2. Test Cases Overview

Test Case ID	Test Case Description	Expected Outcome	Test Type
TC-01	User can sign up for an account	Account is created and user is logged in	Manual
TC-02	User can log in to the system	User is redirected to their dashboard	Manual
TC-03	Movie list page loads correctly	All available movies are displayed	Manual
TC-04	User can filter movies by genre or date	Movies are filtered based on selection	Manual
TC-05	User can select a movie and view details (showtimes, description, etc.)	Movie details and showtimes are displayed correctly	Manual
TC-06	User can choose seats for a selected movie	Seats can be selected and availability is updated	Manual
TC-07	User can add tickets to cart	Tickets are successfully added to the cart, and cart is updated	Manual
TC-08	User can proceed to checkout	Checkout page loads without issues	Manual
TC-09	User can make a payment using various payment methods	Payment completes successfully, and confirmation page is displayed	Manual
TC-10	User receives booking confirmation via email	Email confirmation with booking details is sent	Manual

TC-11	User can view booking history in their account	Booking history is displayed correctly	Manual
TC-12	User can cancel a booking	Booking is canceled, and the user is notified	Manual

3. Common Areas to Test

- **Homepage:** Ensure the homepage loads quickly, with all navigation links (movies, showtimes, login, account) functioning correctly.
- **Movie Details:** Verify that all movie descriptions, trailers, showtimes, and ratings are accurate.
- **Search and Filters:** Test for correct functionality in searching movies and filtering by genre, release date, or language.
- **Seat Selection:** Ensure users can select seats and the system accurately reflects available and booked seats.
- **Booking Process:** Test the complete booking process, from adding tickets to cart, proceeding to checkout, making payment, and receiving confirmation.
- **Account Management:** Validate account registration, login, viewing booking history, and cancellation processes.
- **Post-Booking:** Ensure users receive email confirmations and are able to view or download tickets.

4. Test Execution

- **Manual Testing:** All critical user interactions and booking functionalities will be tested manually to ensure accuracy and smooth user experience.
- **Automated Testing:** Repetitive tasks, such as logging in, searching for movies, and seat selection, will be automated where possible.

5. Result Evaluation

After executing each test case, document results with:

- Pass/Fail status.
- Notes on any encountered issues.
- Steps taken to reproduce errors.

6. Test Iteration

- Review test results and address any bugs or failures found during the initial testing.
- Retest the failed cases after fixing them to ensure all key functionalities work as expected.

	<p>7. Conclusion</p> <p>This test plan ensures that all essential features of the online movie ticket booking system—from movie browsing and seat selection to booking confirmation—function correctly and provide a seamless experience. Continuous testing and improvements will help maintain system reliability and user satisfaction.</p>
Output	