Acceptance Testing (UAT) for IMovies Application

Project Information

Date	April 10, 2025
Team ID	SWTID1743003805
Project Name	IMovies - Movie Ticket Booking Application
Maximum Marks	[Maximum Marks]

Project Overview

Project Name: IMovies Movie Ticket Booking Application

Project Description: The IMovies application revolutionizes the cinema experience by offering a seamless online reservation system. Users can browse movies, select showtimes, choose seats, and complete bookings from the comfort of their homes. Built with a robust client-server architecture using Express.js and MongoDB, the application ensures efficient data storage and retrieval with features like user authentication, booking management, and real-time seat availability tracking.

Project Version: 1.0

Testing Period: 02/04/2024 to 09/04/2025

Testing Scope

Features and Functionalities to be Tested:
1. User Registration and Authentication
2. Movie Listings and Search
3. Cinema and Showtime Selection
4. Seat Selection Interface
5. Booking and Payment Processing
6. Booking History and Management
7. Admin Dashboard Functionality
8. Favorite Movies Feature
9. Real-time Seat Availability Tracking
10. Profile Management

User Stories/Requirements to be Tested:
1. As a user, I want to register and log in to access the booking system
2. As a user, I want to browse available movies with detailed information
3. As a user, I want to select a cinema location and showtime for my chosen movie
4. As a user, I want to visually select seats from a seating layout
5. As a user, I want to complete the payment process and receive confirmation

6. As a user, I want to view my booking history and upcoming bookings
7. As a user, I want to save favorite movies for quick access
8. As an admin, I want to manage movies, theaters, and showtimes
9. As an admin, I want to configure seating layouts and pricing
10. As a user, I want to update my profile information

Testing Environment

URL/Location: Web

Test Cases

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	User Registration	1. Navigate to registration page2. Fill required fields (username, email, password)3. Submit registration form	User account is created and user is redirected to login page	User account was successfully created and system redirected to login page with a success message "Registration successful! Please log in."	Pass
TC-002	User Login	1. Navigate to login page2. Enter valid credentials3. Click login button	User is authenticated and redirected to homepage/dashboard	User successfully logged in and was redirected to homepage with personalized welcome message.	Pass
TC-003	Browse Movies	1. Navigate to movies page2.	List of movies is displayed with details	Movie list displayed with	Pass

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
		Scroll through available movies3. Click on a specific movie	and clicking a movie shows additional information	movie posters, titles, and genres. Clicking on "Avatar 2" opened detailed view with synopsis, cast, and showtimes.	
TC-004	Select Showtime and Cinema	1. Choose a movie2. Select a cinema location3. Choose a showtime	Available showtimes and cinema options are displayed correctly	Cinema locations displayed correctly, but when selecting "Cinema City" location, the 9:00 PM show wasn't displaying despite being available in the database.	Fail
TC-005	Seat Selection	1. Select desired seats from the seating layout2. Confirm seat selection	Seating layout displays available/unavailable seats accurately and selected seats are highlighted	Seating layout displayed with correct availability. Selected seats (B5, B6) were highlighted in green as expected. Already booked seats showed in gray.	Pass

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-006	Booking and Payment	1. Proceed with selected seats2. Enter payment details3. Complete payment	Payment is processed successfully and booking confirmation is generated	Payment form displayed correctly. After entering test credit card details, payment processed and booking confirmation page showed with correct details and QR code.	pass
TC-007	View Booking History	1. Navigate to profile/bookings section2. View list of bookings	Past and upcoming bookings are displayed with relevant details	Bookings page loaded but took approximately 8 seconds to display data. Past and upcoming bookings were correctly categorized with all relevant details	Pass
TC-008	Add Movie to Favorites	1. Navigate to a movie details page2. Click "Add to Favorites" button	Movie is added to user's favorites list	Clicked "Add to Favorites" on "Inception" movie page. Received success notification, but movie didn't appear in favorites list until page refresh.	Pass
TC-	Admin: Add	1. Login as	New movie is added	Successfully	Pass

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
009	New Movie	admin2. Navigate to movie management3. Add new movie details4. Submit form	to the database and appears in listings	added "The Matrix Resurrections" with all details. Movie immediately appeared in the admin movie list, but image upload was slow (15 seconds).	
TC-010	Admin: Create New Show	1. Login as admin2. Navigate to show management3. Create new show with details4. Submit form	New show is created and associated with the correct movie and theater	Created new show for "Dune" at "Premier Cinema" for 7:30 PM. Show was successfully created and appeared in the listings with correct movie and theater association.	Pass
TC-011	Profile Management	1. Navigate to profile page2. Update profile information3. Save changes	Profile information is updated successfully	Profile update form worked correctly for name and email changes, but phone number field showed validation error despite correct format.	Fail
TC-012	Responsive Design	1. Access application on	Application displays correctly and is	Application displayed	Fail

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
		different devices (desktop, tablet, mobile)2. Navigate through key pages	usable across all device types	correctly on desktop and tablet. On mobile (iPhone 13), the seat selection interface had some elements extending beyond screen boundaries.	

Bug Tracking

Bug ID	Bug Description	Steps to reproduce	Severity	Status	Additional feedback
BG-001		[Step 1][Step 2][Step 3]	[Low/Medium/High]	Closed	

Sign-off

Tester Name: Ayush kakkar

Date: 09/04/2025

Signature: Ayush Kakkar

Notes
- Test cases should cover both positive scenarios (expected user flow) and negative scenarios (error handling, edge cases).
- Provide detailed feedback for any issues encountered, including specific steps to reproduce.
- Bug severity should be classified as:
  - Low: Minor visual or non-functional issues that don't impact core functionality
  - Medium: Issues that affect functionality but have workarounds
  - High: Critical issues that prevent core functionality from working correctly

- All test results should include screenshots where applicable to document the actual outcome.
- Testing should be conducted across multiple browsers (Chrome, Firefox, Safari) and device types when possible.