

| TestCaseID | Test Type | Component | Priority | Description/Test Summary | Prerequisites | Test Steps | Expected Result | Actual Result | Status | Test Executed By |
|------------|-------------|---------------------|----------|--|---|--|---|---|--------|------------------|
| UNIT_001 | Unit | User_Registration | P1 | Test if user is able to register with a valid email and password | User is not registered, User has website open on browser | 1. Navigate to registration page 2. Enter valid email and password 3. Press enter 4. Solve CAPTCHA 5. Check for confirmation email | Account is created and a confirmation email is sent to the user | User enters valid credentials and receives a confirmation email that their account is registered | Pass | TesterA |
| UNIT_002 | Unit | Incorrect_Password | P1 | Test when user logs in with incorrect password | User must already be registered, User has website open on browser | 1. Navigate to the login page 2. Enter registered email and incorrect password 3. Press enter 4. Verify error message appears | User enters incorrect password and error message appears, the system tells the user that the email or password was incorrect | User fails to login with incorrect password and error message appears stating that either the email or password was invalid | Pass | TesterA |
| UNIT_003 | Unit | Occupied_Seat | P3 | Test the seat reservation logic when a user selects an occupied seat | Seat must already be reserved by another user, User has website open on browser | 1. Select movie and showtime 2. Attempt to reserve an already selected seat 3. Verify unavailable seat message | Display occupied seat message and prompt user to select a different seat | System displays a message telling the user that the seat is currently occupied and to select a different seat | Pass | TesterA |
| INT_001 | Integration | PayPal_Pass | P3 | Test payment integration with PayPal | User must be logged in, User has website open on browser, User has valid PayPal credentials | 1. Select tickets 2. Proceed to checkout page 3. Choose PayPal as payment method 4. Authenticate via PayPal 5. Confirm successful transaction | Transaction is processed and confirmation email is sent | PayPal payment method is successful and processed, the confirmation email is then sent to the user | Pass | TesterA |
| INT_002 | Integration | Submit_Feedback | P4 | Test feedback submission by the users | User must be logged in, User has watched the movie | 1. Navigate to feedback form that is sent to email 2. Leave a rating and comment 3. Submit form 4. Check email for confirmation | Feedback is sent to the admin for review, then approved and posted, then confirmation is sent to the user | The admin reviews the feedback to ensure compliance, review is posted, confirmation email is sent to the user telling them that their review is live | Pass | TesterA |
| INT_003 | Integration | Ticket_Availability | P2 | Test real-time updates of ticket availability | User must be logged in, Recent purchase has been made | 1. User purchases tickets 2. Returns to movie module and refreshes page 3. Confirm system updates ticket count for specific showtime | The available ticket count is updated immediately | The ticket availability is updated in real time once the user has made a purchase | Pass | TesterA |
| SYS_001 | System | Apply_Discount | P3 | Test purchasing process when discount is applied by the user | User must be logged in, User has website open on browser, User has valid discount(Student, Military, Senior) | 1. Select weekday Movie 2. Select Showtime 3. Select Location 4. Select Seating 5. Proceed to checkout page 6. Enter valid discount 7. Apply discount 8. Confirm discounted total price in summary | User enters valid discount credentials and receives reduced final price | User enters their valid discount credentials, verified, discount is applied to the total amount | Pass | TesterA |

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| SYS_002 | System | Ticket_Limit | P2 | Test maximum ticket limit enforcement | User is logged in, User has website open on browser | 1. On the seat selection page 2. Attempts to add over 20 tickets to cart 3. Attempts to check out 4. Confirm system displays ticket limit message | The system prompts the user that they have surpassed the maximum amount of tickets and purchase can not be completed | The system detects the order exceeds the ticket limit, prompts the user to reduce the quantity to complete the purchase | Pass | TesterA |
| SYS_003 | System | Refund_Process | P1 | Test refund process within the valid time window | User is logged in, User has valid ticket, Ticket is within the refund window | 1. User goes to the theater 2 hours before the showtime of the movie 2. Request a refund at the kiosk 3. Employee scans valid ticket barcode 4. Refunds back to original payment method 5. Confirmation refund email and receipt | Refund is processed and returns to original payment method | Refunds are automatically credited to the payment method used for the purchase | Pass | TesterA |
| SYS_004 | System | Load_Testing | P1 | Test system behavior and efficiency under 1000 concurrent users | System is fully deployed | 1. Simulate 1000 user logins 2. Users perform normal tasks 3. Monitor system performance | System remains responsive and stable | System maintains optimal responsiveness and stability through all users' tasks, stays consistent under peak load | Pass | TesterA |
| UNIT_004 | Unit | Existing_Email | P3 | Test when users attempts to register with existing email | User is already registered, User has website open on browser | 1. Navigate to the registration page 2. Enter registered email and password 3. Press enter 4. Solve CAPTCHA 5. Verify error message about duplicate email | System prompts user that email is already in use, registration is unable to be completed | System allows the user to register with an existing email, data now has two accounts with the same email | Fail | TesterA |
| UNIT_005 | Unit | Login_Block | P1 | Test when user login fails after 3 incorrect CAPTCHA attempts | User is already registered, User has website open on browser | 1. Navigate to login page 2. Enter valid email and password 3. Press enter 4. Fail CAPTCHA 3 times 5. Verify user is blocked for 10 minutes | System blocks user for 10 minutes after 3 failed CAPTCHA attempts | User is able to reload the page without being blocked out for 10 minutes, then attempt to login in with unlimited attempts | Fail | TesterA |
| SYS_005 | System | Invalid_Zipcode | P3 | Test when user selects a theater outside of San Diego | User is logged in, User has website open on browser, User is on theater select page | 1. Navigate to movie selection page 2. Select showtime 3. Enter ZIP code outside of San Diego 4. System attempts to find theaters 5. Verify error message prompting user that they are not close enough | System prompts user that they have entered a ZIP code that is beyond 50 miles from an available location and they are out of range | System crashes and fails to show an error message to the user | Fail | TesterA |

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| SYS_006 | System | Weekend_Discount | P3 | Test when applying a discount on the weekend | User is logged in, User has website open on browser, User has valid discount(Student, Military, Senior), It is the weekend | 1. Select weekend Movie 2. Select Showtime 3. Select Location 4. Select seating 5. Proceed to checkout page 6. Enter discount credentials 7. System rejects the discount | System prompts user that the discount can only be used on a weekday | User enters their valid discount credentials, verified, discount is applied to the total amount on a weekend day | Fail | TesterA |
| INT_004 | Integration | Inappropriate_Review | P3 | Test when inappropriate review is submitted | User must be logged in, User has watched the movie | 1. Navigate to feedback form that is sent to email 2. Leave a rating and inappropriate comment 3. Submit form 4. Admin should detect and remove review | Review is flagged and removed by the admin | Review is posted, confirmation email is sent to the user telling them that their review is live | Fail | TesterA |