

Test Case ID	Component	Priority	Test Case Type	Description	Pre-Requisites	Test Data	Test Step	Expected Result	Actual Result	Status
TU01	Ticket_System	P0	Functionality	User selects a valid event and purchases a ticket for a sold-out event	Internet Connection Web browser available Email Address Event ID	Event Name: "Movie"  Event Capacity: xxx tickets  Available Tickets: 0 (Sold Out)  User Info: UserID, Username	1. User attempts to purchase a ticket for the "Movie" Event	System should not allow user to purchase a ticket as there are no more for the event, as well as display an error message	System did not allow user to purchase a ticket as there is no more for the event, as well as display an error message	PASS
TU02	Website_Login_Page	P0	Functionality	Verify the user registration functionality when a user attempts to register. Verify the userRegistration function creates a new user account.	Internet Connection Web browser available Email Address	User email: <a href="mailto:JohnDoe@gmail.com">JohnDoe@gmail.com</a> Password: xxxxxxxx	1. Load Website 2. Navigate to user login page 3. Click sign up 4. Enter valid user Email 5. Enter valid password that passes security test 6. Click on "Register" button	A new user account should create and link the account to the user's email. The link should guide the user to his newly created user account. System should function in order to create and facilitate the user's ability to create and account in our system.	A new user account was created got linked to the account.	PASS
TU03	Ticket Database	P0	Unit	Verify the ticket ID to make sure it is unique to its user.	Internet Connection Web browser available User username Ticket ID Test Ticket ID	User ID: xxxxxx  User email: <a href="mailto:JohnDoe@gmail.com">JohnDoe@gmail.com</a>	1. Generate ID using getID() method. 2. Use compare() method. 3. Loop through the existing ID's in the database. 4. End searching algorithm.	System should verify if the ID is already in use. If already used, system should create a new one and assign ID to user. Ticket database should increment the capacity of user ID if ID database is almost at capacity in order to prevent an overflow.	System completed verification of the ID already in use. The system regenerated a different ID that was unique to user.	PASS
TU04	Website_Event_Page Movie Database	P3	System	User Checks Availability of an Event	Internet connection Web Browser User username Event Location Event Capacity	Event Location: "Theater01"  Event Time: "xx/xx/xxxx, 12:00 AM/PM"  Event Name: "Movie"  Event Capacity: xxxx  UserID: xxxxxxxx	1. User loads the website. 2. Click on "Search events" 3. Display list of options for user preferences. 4. System provides available events with dates. 5. User gets provided with event availability for events checked by user.	System displays availability of events filtered by User's preferences. Each filter should narrow down the user's search in order to create a fast and smoother option to search for available events for the user.	System successfully loaded a filter list in which the user gave based off list of options they checked off.	PASS
TU05	Admin Terminal Movie Database	P1	System	Admin Updates Event Details	Admin username Admin password Internet Connection Internet Browser	Admin Username: JohnDoe123 Admin Password: ***** Admin Email: <a href="mailto:JohnDoe@gmail.com">JohnDoe@gmail.com</a>	1. Admin selects specific event they want to update. 2. System illustrate Admin options of what to update. 3. Admin chooses information they choose to update. 4. Admin confirms updates. 5. System updates new info for desired event.	System should provide various options for Admin to update certain information of events. System should follow a smooth and organized set in order for users to have the least trouble using it. Event database should update event details by the user's command.	System provided the Admin with various options into the category the admin may want to update. Admin updated the time of the event.	PASS

TU06	Website_Event_Page Payment_Processor	P0	Unit	User selects a valid event and purchases a ticket	Internet Connection Web Browser Available Ticket ID User Email	Event Name: "Movie"  Event Capacity: xxx tickets  Payment Options: "Credit, Debit, Check, In-person"  User Info: UserID, User email	1. User selects film they want to watch 2. Website presents available seating 3. User Selects seat they want to sit 4. Website presents price options (Elderly (60+), Military/ Service Members/ Veterans, Under 18 (Teens), Children (2-12), V.I. P/Movie Members) 5. User enters payment option/information	Ticket Database should increment and generate ticket ID and tie it to specific event and time chosen. Theater Database should also decrement the event capacity along with the seating, as there is now a ticket that has been purchased tied to the capacity and seating. After generation and updating the system, there should be a email sent to the user updating them on their ticket purchase.	System Provides events. System provides availability information of film. System shows payment options available to User. User will buy ticket.	PASS
TU07	User_Payment_History User Database	P3	Functionality	User Tries Cancelling a Ticket That They Don't Own	Internet Connection Web Browser Available Ticket ID User Email	Ticket Info: xxxxxxxx  User email: <a href="mailto:JohnDoe@gmail.com">JohnDoe@gmail.com</a>  UserID: xxxxxxxx	1. Click on "Cancel Ticket" button 2. User enters ticket code/information 3. If ticket is past Cancellation date, website will inform user 4. If ticket is within Cancellation date, website will verify user 5. User will verify ticket cancellation through email verification 6. If User receives email, cancellation will be complete 7. If user does not receive email, then ticket is not cancelled	Website should see that the ticket they are trying to cancel is no longer connected to their user (Likely refunded, expired, failed to purchase) and display an error message	User successfully cancelled a ticket they did not own. The system refunded the ticket, stored back into the data base. As well as gave refund to user reporting the issue.	PASS
TU08	Admin Terminal User Database Website_Event_Page	P0	Functionality	User without proper authorization tries executing admin actions	Internet Connection Internet Browser User Username User password Admin Username	User email: JohnDoe@gmail.com  UserID: xxxxxxxx	1. User loads the website. 2. User selects a specific event provided 3. User tries passing Admin command to modify selected event	Website should recognize that the user is not tied to a Admin account based on given userID and email tied to account being used, barring them from being able to execute an admin command	System was able to identify improper credentials for user trying to execute admin actions. System gave error messages and implied Admin credentials in order to process actions.	PASS
TU09	Admin Terminal Movie Database Ticket Database	P0	System	Admin Deletes an Event and it's tickets	Internet Connection Admin Username Admin Password Internet browser Event ID	Admin Username: JohnDoe123 Admin Password: ***** Admin Email: JohnDoe@gmail.com	1. Admin loads the website. 2. Admin selects a specific event provided 3. Admin passes a command that deletes an event from the available website catalog	Website will recognize that the account is tied to having admin permissions, and will pass their command. The command will delete the event from our Movie database, as well as deleting all tickets within the ticket database that were tied to the specific event, freeing space in both databases and rendering the event as no longer existing.	Admin logs into website. System will recognize admin privileges. Admin executes command to delete event. System will obey, removing event and related tickets to said events.	PASS

TU10	Admin Terminal Movie Database Ticket Database	P0	Unit	Admin Creates a New Event	Internet Connection Admin Username Admin Password Internet browser Event ID	Admin Username: JohnDoe123 Admin Password: ***** Admin Email: JohnDoe@gmail.com	1. Admin loads website 2. Admin provides credentials in order to sign in. 3. Admin selects "New Event" option 4. Admin provides information of event 5. Admin publishes event on system 6. Event is stored in database.	Website will recognize that the account is tied to having admin permissions and will pass. The command will allow Admin to create a new event with its own information as well as its own ID. All these comparments will be stored in the Movie database. This command will allow the Admin to publish and edit the even details at any time given with the accessibility of internet.	Website recognized admin which gave it admin permission. Admin was able to create a new event with its unique details in which the system was able to create a unique ID in order to differentiate various events during that time period. After event, the ID was reused of later future events.	PASS
------	---	----	------	------------------------------	---	---	--	---	---	------