

# **Admin Functionality and Data Storage Test Plan**

## **Unit Test Plan**

### Test Set 1: Unit Test for Data Storage

- Targeted Feature: User data is accurately stored and fetched
- Test Objective: Test that user credentials, and location are accurately stored and fetched
- Test Scope: This test covers the retrieval and storage of user credentials and data
- Test Vectors: The test set will consist of three test cases:
  1. Verify that users location is correctly stored
  2. Verify that users login/password is correctly stored
  3. Verify that the users selections are accurately stored on their ticket and account
- Test Coverage: This test covers the storage and retrieval of user credentials and data

### Test Set 2: Unit Test for Movie data is accurately stored and fetched

- Targeted Feature: Ensure that movie status's are stored the way that they should be
- Test Objective: Verify that movie information presented to user is accurate
- Test Scope: This test covers the accuracy of the information displayed to the user about the movies
- the Test Vectors: The test set will consist of five test cases:
  1. Verify that the movie times are being accurately stored for each movie
  2. Verify that the movie prices are being accurately stored for each movie
  3. Verify that the movie titles and theatre locations match based on where they are playing
  4. Verify that the movies are not shown if they are full
  5. Verify that all movies with open seats that should be displayed, are
- Test Coverage: This test covers the accuracy of the data storage on the movies

## **Functional Test Plan**

### Test Set 1: Functional Test for Media Display

- Targeted Feature: Media Display
- Test Objective: Verify that the media is being displayed correctly
- Test Scope: This test covers trailers,titles, pictures and previews for movies
- Test Vectors: The test set will consist of five test cases:
  1. Verify that the correct trailer is attached to each movie
  2. Verify that the trailers can be accessed and viewed
  3. Verify that the titles for each movie are correct
  4. Verify that the pictures of each movie match the movie and are the correct pictures

Test Coverage: This test covers the accurate display of all media

#### Test Set 2: Accessibility of Website

- Targeted Feature: Accessibility of Website
- Test Objective: Verify that the website can be accessed and the correct information is shown to users and admins
- Test Scope: This test covers the webpage itself and its functionality
- Test Vectors: The test set will consist of four test cases:
  1. Verify that the website can be accessed with the url.
  2. Verify that users cannot login as admins and vice versa
  3. Verify that the website data is stored at the correct location
  4. Verify that the correct information and access is shown and given to admins
  5. Verify that the correct information and access is shown and given to users
- Test Coverage: This test covers the accessibility of the website and its accuracy

#### **System Test Plan** Targeted Feature: Admin Functionality

##### Test Set 1: System Test for Admin website functionality

- Test Objective: Verify that admins can access and complete various commands and functions
- Test Scope: This test covers the various commands that admins can execute on the website
- Test Vectors: The test set will consist of seven test cases:
  1. Verify that admins can remove/add movies to the list
  2. Verify that admins can change movie showtimes
  3. Verify that admins can change open/taken seats
  4. Verify that admins can change theatre locations
  5. Verify that admins can access future and past data
  6. Verify that admins can issue a discount
- Test Coverage: This test covers the various functions that Admins can execute on the website.

##### Test Set 2: System test for Admin customer service

- Test Objective: Verify that admins can assist customers
- Test Scope: This test covers refunds, ticket changes and customer support
- Test Vectors: The test set will consist of three test cases:
  1. Verify that admins can issue refunds and the data on the website is properly adjusted
  2. Verify that admins can help users change their tickets after being purchased
  3. Verify that admins can be contacted via email by users
- Test Coverage: This test covers the admins ability to assist users in customer service

