Chapter 6

System Testing

The aim of the system testing process was to determine all defects in our project. The program was subjected to a set of test inputs and various observations were made and based on these observations it will be decided whether the program behaves as expected or not. This Project went through two levels of testing –

1. Unit Testing
2. Integration Testing

Table 6.1 – System Testing

Functionality	Action	Expected Result	Actual Result	Test Result
Accept User input to log into the Let's Watch Application	The required details are entered and the login button is clicked.	Redirect the user to the dashboard section	Redirected the user to the dashboard section	PASS
Accept user input to go to the registration page.	The Click to register button is clicked.	The user is redirected to the registration page.	The user is redirected to the registration page.	PASS
Accept User input to create a new User.	The required details are entered and the register button is clicked.	A new user is created and the user is redirected to the login page.	A new user is created and the user is redirected to the login page.	PASS
Accept user input to go to the Admin Login page.	The Admin Login button is clicked.	The user is redirected to the admin login page.	The user is redirected to the admin login page.	PASS

Accept User input to log into the Let's Watch Application	The required details are entered and the register button is clicked.	The user is verified as an admin and logged in as an admin and is redirected to the Admin Home section.	The user is verified as an admin and logged in as an admin and is redirected to the Admin Home section.	PASS
Accept user input to navigate to different areas of the dashboard.	Any of the links in the User Navigation Pane is clicked	The user is redirected to the respective page.	The user is redirected to the respective page.	PASS
Accept user input to change the status of the Television Show.	Any of the buttons – Start Watching and Completed Watching are clicked.	The status of the Television Show is changed to the user.	The status of the Television Show is changed to the user.	PASS
Accept user input to remove a Television Show from the watchlist.	The Remove Show button is clicked.	The television show is removed from the user's watchlist.	The television show is removed from the user's watchlist.	PASS
Accept user input to change and save the rating to a television show	The rating field is changed and the Save Rating button is clicked.	The rating is changed and updated in the Database.	The rating is changed and updated in the Database.	PASS
Accept user input to view the Details of a Television Show.	The title of the television show is clicked.	The user is redirected to the details page of the television show.	The user is redirected to the details page of the television show.	PASS

Accept user input to edit the profile of the user.	The Edit Profile button is clicked.	The user is redirected to an edit profile page.	The user is redirected to an edit profile page.	PASS
Accept user input to change the details of the user.	The details required are entered and the Save button is clicked.	The details of the user are updated in the database.	The details of the user are updated in the database.	PASS
Accept user input to change the password of the user.	The Change Password button is clicked.	The user is redirected to a change password page.	The user is redirected to a change password page.	PASS
Accept user input to change the password of the user.	The details required are entered and the Save button is clicked.	The new password of the user is updated in the database.	The new password of the user is updated in the database.	PASS
Accept Admin input to add shows, creators and actors into the database.	The respective buttons are clicked and the required data is entered and submitted.	The respective data is added to the database.	The respective data is added to the database.	PASS
Accept Admin input to change the status of the user.	The Make Admin or Remove Admin buttons are clicked.	The user is granted or revoked admin status.	The user is granted or revoked admin status.	PASS