

COMPLIANCE REPORT

Video Rental System (VRS)

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1 Introduction and Important Points

This is the Compliance Report document for Video Rental System Software (SRS). Here, we list down test cases that were mentioned in the test suite along with the obtained PASS/FAIL results that were obtained after testing the software. The exact test case and the golden outputs can be checked under the same corresponding sections in the test suite document.

Note that for a positive test case, the expected result should be **PASSED**, while for a negative test case, the expected result should be **FAILED**.

2 Compliance Report for the Frontend GUI Interface

2.1 Home Page

Working Properly

1. *View Movie Details by clicking View Movie Button without logging in*
PASSED
2. *Clicked Rent Movie after viewing Movie without logging in*
FAILED

2.2 Login Method

Login Webpage working properly

2.2.1. User:

1. *No User account details entered and login is clicked:*
FAILED
2. *Wrong username/password entered*
FAILED
3. *Wrong user type entered with correct username and password*
FAILED
4. *Correct user type, username and password entered*
PASSED (leads to the user page)

2.2.2. Staff:

1. *No User account details entered and login is clicked:*
FAILED
2. *Wrong username/password entered*
FAILED
3. *Wrong user type entered with correct username and password*
FAILED
4. *Correct user type, username and password entered*
PASSED (leads to the staff page)

2.2.3. Manager:

1. *No User account details entered and login is clicked:*
FAILED
2. *Wrong username/password entered*
FAILED
3. *Wrong user type entered with correct username and password*
FAILED
4. *Correct user type, username and password entered*
PASSED (leads to the manager page)

2.2.4. Reset Password

1. *Entering invalid email*
FAILED
2. *Entering valid email*
PASSED

2.3 Sign Up Interface

Sign Up Page Working Correctly

2.3.1. User:

1. *Skipped filling a form column (username, password, repeat password, email)*
FAILED
2. *Filled an already taken username*
FAILED
3. *Filled an already taken email id*
FAILED
4. *Filled email in incorrect format*
FAILED
5. *Entry in repeat password does not match password entry*
FAILED
6. *Filled in unique username and valid email, and with matching password and repeat password entries*
PASSED

2.3.2. Staff:

1. *Skipped filling a form column (username, password, repeat password, email, system password)*
FAILED
2. *Filled an already taken username*
FAILED
3. *Filled an already taken email id*
FAILED
4. *Filled email in incorrect format*
FAILED
5. *Entry in repeat password does not match password entry*
FAILED

6. *Filled wrong system password*

FAILED

7. *Filled in unique username, system password and valid email, and with matching password and repeat password entries*

PASSED

2.4 Add an Movie

1. *Working of all entry text fields*

PASSED

2. *Correct Submission with filling of all mandatory entries*

PASSED

3. *Submission without filling mandatory entries*

FAILED

4. *Image URL not provided*

FAILED

5. *Description not provided*

FAILED

6. *Genre not provided*

FAILED

7. *Rating not provided*

FAILED

8. *Rating is not a number between 0 to 10*

FAILED

9. *Price entered is not a number*

FAILED

10. *Price of the item entered is negative*

FAILED

11. *Quantity entered is not a number*

FAILED

12. *Initial Quantity entered is negative*

FAILED

2.5 Edit Movie

1. *Working of all buttons*

PASSED

2. *Correct Modifications with filling of all mandatory entries*

PASSED

3. *Editing Entries for different fields*

(Refer Previous Section)

2.6 Search a Movie

1. *Search movie by Movie ID*

PASSED

2. *Search movie by genre*

PASSED

3. *Search movie by title*

PASSED

4. *Search for incorrect movie id/genre/title*

FAILED

2.7 Purchase Movie

1. *Display of Movie Title*

PASSED

2. *Display of Movie Cover Image, Genre and Description*

PASSED

3. *Display of Movie Price, Rating and Quantity in appropriate format*

PASSED

4. *Purchasing Movie with quantity in stock and sufficient funds in profile*

PASSED

5. *Purchasing Movie not in stock*

FAILED

6. *Purchasing Movie with quantity in stock and insufficient funds in profile*

FAILED

2.8 Admin Dashboard

1. *Working of all buttons*

PASSED

2. *Add Movie*

PASSED (refer previous sections)

3. *Add Stock with correct movieID and quantity*

PASSED

4. *Add Stock with correct movieID and entering non-integer entry*

FAILED

5. *Add Stock with correct movieID and entering negative entry*

FAILED

6. *View list of all Customers*

PASSED

7. *View list of all Staff*

PASSED

8. *View and verify Orders of Selected User*

PASSED

9. *View and verify Deadlines of Selected User*

PASSED

10. *Delete selected User*

PASSED

11. *Perform Audit and Verify PDF generation*

PASSED

2.9 View Profile

1. *Edit Profile button*

PASSED

2. *Change user name with new unique username*

PASSED

3. *Change user name with already taken username*

FAILED

4. Add "About me" to profile and verify display of description on profile

PASSED

5. Add positive amount of funds to profile

PASSED

6. Add non-numeric/negative/zero amount of funds to profile

FAILED

7. Try to login with old username after changing username

FAILED

2.10 Staff Dashboard

1. View list of all Customers

PASSED

2. Add Movie

PASSED (refer previous sections)

3. Add Stock with correct movieID and quantity

PASSED

4. Add Stock with correct movieID and entering non-integer entry

FAILED

5. Add Stock with correct movieID and entering negative entry

FAILED

6. View list of all Deadlines/Orders of Selected Customer

PASSED

7. Delete Selected Customer

PASSED

2.11 Customer Dashboard

1. Display and verify list of Recommended Movies

PASSED

2. Working of all buttons

PASSED

3. View list of all orders

PASSED

4. *Generate and verify receipt for selected order*

PASSED

5. *Return and verify status of a given movie order*

PASSED

6. *View and verify list of upcoming deadlines*

PASSED

7. *Search and Rent Movies*

(Refer Previous Sections)

3 Compliance Report for Backend Classes and Database Management

3.1 Testing the User class

3.1.1 Testing the getName() function

1. *Retrieve and verify the name of the user*

PASSED

3.1.2 Testing the getCategory() function

1. *Retrieve the category of the user from among Customer, Staff and Manager*

PASSED

3.1.3 Testing the setName() function

1. *Set the name of the user to a valid string*

PASSED

2. *Set the name of the user to an invalid string*

FAILED

3.1.4 Testing the getEmail() function

1. *Retrieve and verify the Email of the owner*

PASSED

3.1.5 Testing the check_password() function

1. *For the entered username, the entered password matches the password hash in the database after hashing*

PASSED

2. *Username is present, but password is incorrect*

FAILED

3.1.6 Testing the avatar() function

1. *Check whether avatar is correctly obtained from source website*

PASSED

3.2 Testing the Movie class

3.2.1 Testing the Constructor

Implicitly tested in other sections

3.2.2 Testing the getID() function

1. *Retrieve and verify the ID of a Movie object.*

PASSED

3.2.3 Testing the getName() function

1. *Retrieve and verify the Name of the Movie object.*

PASSED

3.2.4 Testing the getPrice() function

1. *Retrieve and verify the price of a Movie object.*

PASSED

3.2.5 Testing the getDescription() function

1. *Retrieve the description of a Movie object.*

PASSED

3.3 Testing the Order class

3.3.1 Testing the Constructor

(6.3.1) Implicitly tested in other sections

3.3.2 Testing the getID() function

1. Retrieve and verify the ID of the Order object.

PASSED

3.3.3 Testing the getUser_id() function

1. Retrieve and verify the user-id of the renting user.

PASSED

3.3.4 Testing the getMovie_id() function

1. Retrieve and verify the id of the rented movie.

PASSED

3.3.5 Testing the getStatus() function

1. Retrieve and verify the return status of the rented movie - Yes or No.

PASSED

3.3.6 Testing the viewPurchaseDate() function

1. Retrieve and verify the purchase date of the rental movie.

PASSED

3.3.7 Testing the getDeadline() function

1. Retrieve and verify the deadline date of the rental movie.

PASSED