Test Cases for Feed Viewer Application

RSS Hamster

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Web Application

Test Cases relating to use of the Web Application.

Mainly relate to non-Admin Users.

Use Case 1: User Registration

Test Case ID: TC-UC001-001

Description: Test user registration with valid details

Preconditions: User has access to the registration page

Steps:

1. Navigate to the registration page.
2. Enter valid details (name, username, email, password).
3. Submit the registration form.

Expected Results:

- The system validates the information and creates a new account.

- The user is redirected to the login page.

Postconditions:

- User is registered.

Test Case ID: TC-UC001-002

Description: Test user registration with an already used email

Preconditions: User has access to the registration page

Steps:

1. Navigate to the registration page.
2. Enter details (name, username, an email already in use, password).
3. Submit the registration form.

Expected Results:

- The system prompts the user to use a different email.

Postconditions:

- User is not registered.

Test Case ID: TC-UC001-003

Description: Test user registration with a weak password

Preconditions: User has access to the registration page

Steps:

1. Navigate to the registration page.
2. Enter details (name, username, email, weak password).
3. Submit the registration form.

Expected Results:

- The system prompts the user to choose a stronger password.

Postconditions:

- User is not registered.

Use Case 2: User Login

Test Case ID: TC-UC002-001

Description: Test user login with valid credentials

Preconditions: User is registered and has access to the login page

Steps:

1. Navigate to the login page.
2. Enter valid credentials (email, password).
3. Submit the login form.

Expected Results:

- The system validates the information and logs in the user.

Postconditions:

- User is logged in.

Test Case ID: TC-UC002-002

Description: Test user login with non-existent email

Preconditions: User has access to the login page

Steps:

1. Navigate to the login page.
2. Enter an email not associated with any account and a valid password.

3. Submit the login form.

Expected Results:

- The system prompts the user to use a different email.

Postconditions:

- User is not logged in.

Test Case ID: TC-UC002-003

Description: Test user login with incorrect password

Preconditions: User is registered and has access to the login page

Steps:

1. Navigate to the login page.
2. Enter a valid email and an incorrect password.
3. Submit the login form.

Expected Results:

- The system prompts the user to try again.

Postconditions:

- User is not logged in.

Use Case 3: Search for Feeds

Test Case ID: TC-UC003-001

Description: Test feed search with matching criteria

Preconditions: User has access to the application

Steps:

1. Enter a feed name in the search bar.

2. Submit the search.

Expected Results:

- The system processes the search and retrieves matching feeds.

 - The system displays the search results.

Postconditions:

- Search results are displayed.

Test Case ID: TC-UC003-002

Description: Test feed search with no matching criteria

Preconditions: User has access to the application

Steps:

1. Enter a non-existent feed name in the search bar.
2. Submit the search.

Expected Results:

- The system displays a "no results found" message.

Postconditions:

- No search results are displayed.

Use Case 4: Filter Feeds

Test Case ID: TC-UC004-001

Description: Test feed filtering with valid criteria

Preconditions: User has access to the application

Steps:

1. Navigate to 'All Feeds' page.
2. Select filters from the available options.
3. Submit the search.

Expected Results:

- The system processes the search and retrieves matching feeds.
 - The system displays the search results.

Postconditions:

- Filtered search results are displayed.

Test Case ID: TC-UC004-002

Description: Test feed filtering with criteria resulting in no matches

Preconditions: User has access to the application

Steps:

1. Navigate to 'All Feeds' page.
2. Select filters that do not match any feeds.

3. Submit the search.

Expected Results:

- The system displays a "no results found" message.

Postconditions:

- No filtered search results are displayed.

Use Case 5: Generate Recommendations

Test Case ID: TC-UC005-001

Description: Test generating recommendations with sufficient user data

Preconditions: User is logged in

Steps:

1. Navigate to 'All Feeds' page.
2. Select 'Generate Recommendations'.

Expected Results:

- The system processes the user's data and retrieves a list of recommended feeds.

 - The system displays the recommended feeds.

Postconditions:

- Recommended feeds are displayed.

Test Case ID: TC-UC005-002

Description: Test generating recommendations with insufficient user data

Preconditions: User is logged in

Steps:

1. Navigate to 'All Feeds' page.
2. Select 'Generate Recommendations'.

Expected Results:

- The system displays a "not enough data" message.

Postconditions:

- No recommendations are displayed.

Use Case 6: View Feed Details

Test Case ID: TC-UC006-001

Description: Test viewing feed details from search results

Preconditions: User has performed a search

Steps:

1. Select a feed from the search results.

Expected Results:

- The system retrieves and displays detailed information about the selected feed.

Postconditions:

- Feed details are displayed.

Test Case ID: TC-UC006-002

Description: Test viewing feed details from feed listings

Preconditions: User is navigating through feed listings

Steps:

1. Select a feed from the listings.

Expected Results:

- The system retrieves and displays detailed information about the selected feed.

Postconditions:

- Feed details are displayed.

Use Case 7: Write and Rate a Feed

Test Case ID: TC-UC007-001

Description: Test writing a review and rating a feed

Preconditions: User is logged in and viewing feed details

Steps:

1. Navigate to the review section of the feed details page.
2. Write a review and select a rating.
3. Submit the review and rating.

Expected Results:

- The system saves the review and rating.

 - The system updates the feed's overall rating. -The system displays the new review and rating.

Postconditions:

- Review and rating are saved and displayed.

Test Case ID: TC-UC007-002

Description: Test writing an inappropriate review

Preconditions: User is logged in and viewing feed details

Steps:

1. Navigate to the review section of the feed details page.

2. Write an inappropriate review.

3. Submit the review.

Expected Results:

- The system flags the review and prompts the user to revise it.

Postconditions:

- Inappropriate review is not saved.

WinForms Application

Test Cases relating to use of the WinForms Application.

Mainly relate to Admin Users.

Use Case 8: User Login (Admin)

Test Case ID: TC-UC008-001

Description: Test admin login with valid credentials

Preconditions: Admin has access to the WinForms application

Steps:

1. Enter valid credentials (email, password).
2. Submit the login form.

Expected Results:

- The system validates the information and logs in the admin.

Postconditions:

- Admin is logged in.

Test Case ID: TC-UC008-002

Description: Test admin login with non-existent email

Preconditions: Admin has access to the WinForms application

Steps:

1. Enter an email not associated with any account and a valid password.
2. Submit the login form.

Expected Results:

- The system prompts the admin to use a different email.

Postconditions:

- Admin is not logged in.

Test Case ID: TC-UC008-003

Description: Test admin login with incorrect password

Preconditions: Admin has access to the WinForms application

Steps:

1. Enter a valid email and an incorrect password.
2. Submit the login form.

Expected Results:

- The system prompts the admin to try again.

Postconditions:

- Admin is not logged in.

Use Case 9: Manage Feed Database (Admin)

Test Case ID: TC-UC009-001

Description: Test adding a new feed

Preconditions: Admin is logged in

Steps:

1. Navigate to the feeds form.
2. Select the option to add a new feed.
3. Enter feed information (title, director, cast, synopsis, release date, genre).
4. Submit the changes.

Expected Results:

- The system validates and saves the changes.
- The system updates the feed database.
 - The system displays a confirmation message.

Postconditions:

- New feed is added to the database.

Test Case ID: TC-UC009-002

Description: Test editing an existing feed

Preconditions: Admin is logged in

Steps:

1. Navigate to the feeds form.

2. Select the option to edit an existing feed.
3. Update feed information (e.g., title, director, cast).
4. Submit the changes.

Expected Results:

- The system validates and saves the changes.

 - The system updates the feed database.

 - The system displays a confirmation message.

Postconditions:

- Feed information is updated in the database.

Test Case ID: TC-UC009-003

Description: Test deleting an existing feed

Preconditions: Admin is logged in

Steps:

1. Navigate to the feeds form.
2. Select the option to delete an existing feed.
3. Confirm the deletion.

Expected Results:

- The system validates the request.

 - The system removes the feed from the database.

 - The system displays a confirmation message.

Postconditions:

- Feed is removed from the database.

Use Case 10: Manage User Accounts (Admin)

Test Case ID: TC-UC010-001

Description: Test resetting a user password

Preconditions: Admin is logged in

Steps:

1. Navigate to the user management section.
2. Select the option to reset a user password.

3. Submit the changes.

Expected Results:

- The system validates and saves the changes.

 - The system displays a confirmation message.

Postconditions:

- User password is reset.

Test Case ID: TC-UC010-002

Description: Test updating a user email

Preconditions: Admin is logged in

Steps:

1. Navigate to the user management section.
2. Select the option to update a user email.
3. Enter the new email address.
4. Submit the changes.

Expected Results:

- The system validates and saves the changes.

- The system displays a confirmation message.

Postconditions:

- User email is updated.

Test Case ID: TC-UC010-003

Description: Test deactivating a user account

Preconditions: Admin is logged in

Steps:

1. Navigate to the user management section.
2. Select the option to deactivate a user account.
3. Confirm the deactivation.

Expected Results:

- The system validates and saves the changes.

 - The system displays a confirmation message.

Postconditions:

- User account is deactivated.

Use Case 11: Moderate User Content (Admin)

Test Case ID: TC-UC011-001

Description: Test moderating user content by deleting a review

Preconditions: Admin is logged in

Steps:

1. Navigate to the reviews section.
2. Select a review to delete.
3. Submit the moderation decision.

Expected Results:

- The system updates the status of the content.
 - The system displays a confirmation message.

Postconditions:

- Review is deleted.

Test Case ID: TC-UC011-002

Description: Test moderating user content by editing a review

Preconditions: Admin is logged in

Steps:

1. Navigate to the reviews section.
2. Select a review to edit.
3. Edit the review content.
4. Submit the moderation decision.

Expected Results:

- The system updates the status of the content.
 - The system displays a confirmation message.

Postconditions:

- Review is edited and updated.