URS for Individual Assignment

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From: S2-CBO3 Elena Mincheva

1. Functional requirements

FR-01: All users should be able to go on the web page with or without a profile.

FR-02: All users should be able to login on the webpage.

FR-03: All users should be able to search for a movie/show and get the following information.

FR-04: All users should be able to view other people's reviews .

FR-05: All logged in users should be able to see their profile page.

FR-06: All logged in users should be able to change their personal information.

FR-07: All logged in users should be able to add a review to a movie/show.

FR-08: All logged in users should be able to delete his own review.

FR-09: All logged in users should be able to see why his review was deleted by the administration.

FR-10: All logged in users should be able to add movies/shows to their favorites list.

FR-11: All logged in users should be able to remove movies/shows to their favorites list.

FR-12: All logged in users should receive recommendations if their favorites list is not empty.

FR-13: All administration members should be able to add, view or delete any employees.

FR-14: All administration members should be able to add, view, update or delete any movies/shows.

FR-15: All administration members should be able to view and delete any user's review if needed.

2. Non-functional requirements

NFR-01: The system should provide clear error messages in order to assist users when experiencing issues.

NFR-02: The system should be open for future enhancements and updates.

NFR-03: The application must be accessible to all users at any time.

NFR-04: User authentication and authorization should be implemented securely.

NFR-05: The desktop application should be compatible with the latest Windows operating systems.

NFR-06: The web application should be compatible with the latest versions of major browsers (Chrome, Firefox, Safari, Edge).

NFR-07: The user interface should be intuitive, with a consistent and user-friendly design.

NFR-08: User passwords must be securely stored in the database using industry-standard cryptographic hashing algorithms.

NFR-09: Passwords should be salted to enhance resistance against rainbow table attacks.

3. Use cases:

UC-01: Login

Actor: User
Main Success Scenario:
1. Actor loads the Welcome webpage
2. Actor goes to login
3. Actor should fill in his login credentials(username, email, password)
4. Actor is taken further if the data is filled in all and correctly
5. Actor is being taken to the main page

Extensions:
3a. Actor fills in wrong credentials
1. A message shows up saying there is a mistake
2. Actor has to try again with other credentials
3. Return to step 3

3b.No such user exists
1. A message is being shown saying that no such user profile exists
2. Actor has to go to register in order to create an account
3. End of use case

UC-02: Registering

Actor: User

Main Success Scenario:
1. Actor loads the webpage
2. Actor goes to register
3. Actor should fill in all needed information to create an account(first name, last name, gender, username, email, password)
4. Actor is taken further if the data is filled in all and correctly
5. Actor is being taken to the main page
6. Account is being created and can be used in the future

Extensions:

3a. Actor fills in wrong credentials
1. A message shows up saying there is a mistake
2. Actor has to try again with other credentials

3b.The format of the email is wrong
1. A message is being shown saying the email is in the wrong format
2. Actor has to try again
3. Return to step 3

3c. Username is already taken
1. Actor gets a message saying this username is already taken
2. Actor has to change it to something else
3. Return to step 3

UC-03: Searching up a movie/show

Actor: User

Main Success Scenario:
1. Actor goes to the Main Page
2. Actor writes the title of the movie/show in the search bar and searches it
3. Page reloads with the results
4. Actor chooses the right movie/show
5. Page with the item's information loads

Extensions:

2a. Title is written wrong
1. Movie/show doesn't show up
2. Actor has to write it again correctly
3. Return to step 2

4a. Movie/show doesn't show up
1. Movie/show is not added to the system yet
2. End use case

UC-04: Check personal profile

Actor: Logged in user
Main Success Scenario:
1. Actor goes to his profile page
2. He is being led to another page containing all his personal data

Extensions:

UC-05: Changing the information on a user's account

Actor: Logged in user
Main Success Scenario:
1. Actor goes to his profile page
2. He is being led to another page containing all his personal data
3. Actor goes to update his profile
4. Actor chooses which features or data he wants to change
5. Actor is able to update if the data is filled in all and correctly
6. The page is being refreshed with the new profile information

Extensions:

6.a - The information has not been saved after editing:
1. The editing process should be repeated by the Actor
2. Actor has to fill in his updated information again
3. Return to step 5

6.b - The new username is already taken.
4. The editing process should be repeated by the Actor
5. Actor has to fill in another username
6. Return to step 5

7.a - Page doesn't refresh after updating
1. Actor has to refresh the page on his own or click on the 'Profile' icon to refresh.

UC-06: Check all reviews of a movie/serie

Actor: User
Main Success Scenario:
1. Actor finds book/movie he wants to see reviews on
2. Clicks on it to open the page for more information
3. Actor scrolls down

Extensions:

2.a - No such movie/show exists on the website
1. No result is being shown
2. Actor has to pick another movie/serie
3. Return to step 1

UC-07: Adding a Review

Actor: Logged in user

Main Success Scenario:
1. Actor finds movie/show he/she wants to write a review to
2. Actor opens the page with its information
3. Information page loads up
4. Actor goes to write a reviews
5. Gets redirected to the Review Page
6. Actor fills in review title, review content and gives a rating
7. Actor is able to save the review if the data is filled in all and correctly
8. Gets redirected to Main Page

Extensions:

2.a - No such movie/show exists on the website
1. No result is being shown
2. Actor has to pick another movie/serie
3. Return to step 2

6.a - Wrong format for review content
1. Actor has to fix the written
2. Actor tries again
3. Return to step 8

UC-08: Deleting a Review

Actor: Logged in user

Main Success Scenario:
1. Actor goes to the page with the reviews
2. Actor is taken to a new page with all written by the user reviews.
3. Actor chooses the review he/she wants to delete
4. Actor deletes it.
5. Review is being deleted
6. Page is refreshed

Extensions:

6.a - Review is not being deleted after clicking on the trying to
1. Actor tries to delete it again.
2. Return to step 6

UC-09: Checking the deleted by the employees reviews

Actor: Logged in User

Main Success Scenario:

1. Actor goes to the page with the reviews
2. Actor is taken to a new page with all written by the user reviews.
3. Actor goes to see his deleted reviews
4. Actor is taken to a new page with all written by the user reviews, which were deleted by the management.

Extensions:

5.a - Page is empty
1. No reviews by this user have been deleted by the management
2. End of use case

UC-10: Adding movie/show to favorites list

Actor: Logged in user

Main Success Scenario:
1. Actor searches up the desired movie/show
2. Actor opens the page of the movie/show
3. Actor adds it to his favorites
4. Movie/show is being added to the list
5. Actor receives a pop-up message saying the operation has been successful

Extensions:

4a. Movie not added to the list
1. Actor tries to save it to his favorites again
2. Return to step 5

UC-11: Removing movie/show to favorites list

Actor: Logged in user

Main Success Scenario:
1. Actor goes to see his favorite movies/series.'
2. A new page loads up with all the user's favorite movies and shows
3. Actor searches the desired movie/show
4. Actor removes the desired movie/serie from favorites
5. Movie/show is being removed to the list
6. Actor receives a pop-up message saying the operation has been successful

Extensions:

4a. Movie/show didn't remove
1. Actor tries to remove the desired movie/serie from favorites again.
2. Return to step 4

UC-12: Adding a new employee

Actor: Admin

Main Success Scenario:
1. Actor goes to the employee page
2. The employee page opens
3. Actor goes to add an employee
4. The employee-adding form opens
5. Actor fills in all the required information
6. Actor adds an employee
7. Message pops up indicating the success of the operation
8. If successful, the boxes get empty and the employee is added to the system

Extensions:

5.a - Fields are left empty/ Data is not valid
1. Actor has to try again with the right format or fill in all the empty spaces
2. Return to step 7

UC-13: Removing an employee

Actor: Admin

Main Success Scenario:
1. Actor goes to the employee page
2. The employee menu opens
3. Actor finds the chosen employee
4. Actor removes an employee
5. Message pops up indicating the success of the operation
6. If successful, the employee gets removed from the list

Extensions:

3.a - No such employee exists
1. End of use case

6.a - Employee does not get removed from the system
1. Return to step 5

UC-14: Adding a new movie

Actor: Admin

Main Success Scenario:
1. Actor goes to the movies page
2. The movie menu opens
3. Actor goes to add a movie
4. The movie-adding form opens
5. Actor fills in all the required information
6. Movie is added
7. Message pops up indicating the success of the operation
8. If successful, the boxes get empty and the movie is added to the system

Extensions:

5.a - Fields are left empty/ Data is not valid
1. Actor has to try again with the right format or fill in all the empty spaces
2. Return to step 7

UC-15: Updating movie information

Actor: Admin

Main Success Scenario:
1. Actor goes to the movies page
2. The movie menu opens
3. Actor chooses desired movie
4. Actor clicks on it
5. Actor goes to update the movie
6. The right form opens
7. Actor fills in all the updated information
8. The movie is updated
9. Message pops up indicating the success of the operation

Extensions:

7.a - Fields are left empty/ Data is not valid
1. Actor has to try again with the right format or fill in all the empty spaces
2. Return to step 9

10.a - The information is not updated to the system
1. Actor should repeat the process again
2. Return to step 5

UC-16: Deleting a show

Actor: Admin

Main Success Scenario:
1. Actor goes to the series page
2. The shows menu opens
3. Actor searches for the show
4. Actor chooses the show he wishes to remove
5. Actor removes the serie
6. Message pops up indicating the success of the operation

Extensions:

1.a - Actor logs with incorrect information
1. Actor will get a message telling him to insert correct information in order to log in
2. Return to step 1

3.a - No such show exists
2. End of use case

7.a - Show does not get removed from the system

1. Return to step 5

UC-17: See all shows

Actor: Admin

Main Success Scenario:
1. Actor goes to the series page
2. The shows menu opens
3. Actor can now see all the series in the system

Extensions:

UC-18: Employee deletes a user's review

Actor: Admin

Main Success Scenario:
1. Actor goes to the reviews page
2. All written by the users reviews are displayed.
3. Actor searches up the review he wants to delete using the date
4. Actor selects the review that needs to be deleted
5. Actor fills in the reason for deleting the review
6. Review is being removed from the website
7. The creator of the review can check the reason for the deleting

Extensions:

7.a Review is not being selected after clicking on 'Delete'
1. Actor gets a message that nothing is selected
2. Return to step 4

8a. Actor doesn't fill in reason for deleting
1. Actor gets a message that the box is empty
2. Return to step 5