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Movie Nerds Web Application

GROUP 8 PROJECT

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# Project Overview

“Movie Nerds” is a free web application that allows users to store information about movies and share this information with their friends, family, and even with the public.

# Roles and Responsibilities

|  |  |
| --- | --- |
| **Developers:**  Steven Falconer  Jon Camunag  Jesse Cunningham | **Tester:**  Majidah Albahrani |

# Deliverables

1. Software Requirements Specification
2. Test Plan
3. Test Cases
4. Incident/Bug Reports

# Project Schedule

|  |  |
| --- | --- |
| **August 1:**   * Preliminary Mockup of UI * Create Software Requirements Specifications   **August 4:**   * Break down SRS into tasks * Start creating test plan   **August 6:**   * Start black box tests code | **August 8:**   * Database and UI completed * Start testing UI   **August 13:**   * Project completed, ready for   final white box testing  **August 15:**   * Final day of class |

# Software Requirement Specifications

Approval of the System Requirements indicates an understanding of the purpose and content described in this deliverable.

1. Register

* 1. a. Create new user

1. Login
2. Login with “Remember Me”
   1. Check box to recover password
3. Movie
   1. Create/Add/Edit and Delete Movie
4. Actors
   1. Create/Add/Edit and Delete Actor
5. Directors
   1. Create/Add/Edit and Delete Director

# Functional Requirements Specifications

## Register

|  |  |
| --- | --- |
| **Function:** | Register New User |
| **Description:** | Users will be able to create a new account. Fill in required fields. And then click on “Register” button to submit record and add to the database. |
| **Inputs:** | |  |  | | --- | --- | | User Name: | Text Box | | Password: | Password Box | | Confirm Password: | Confirm Password Box | | Register: | Button | |
| **Source:** | Redirect from home page to registration page. |
| **Output:** | New user will be registered and data recorded and forwarded to the Home page. |
| **Destination:** | Database Data is updated to contact list in database. |
| **Action:** | * User name text box will check for name availability, and names should be alphanumeric * Password box will allow new users to add their password. The password must be at least 6 characters long without special characters. * Password confirmation box confirms passwords match. * Register button updates contact list in database and redirects to home index page. |
| **Requirements:** | User must have internet access and database must be online. System should be fully functional. You can’t be login |
| **Precondition:** | Database must be available. All fields must have correct data. Current user is not available in system. |
| **Post condition:** | User is available in the system (user can login to the system) User is redirected to index home page. |

## Login

* 1. Login with “Remember me”

|  |  |
| --- | --- |
| **Function:** | User Login. |
| **Description:** | Users will be able to log in after they insert their login credentials. |
| **Inputs:** | |  |  | | --- | --- | | User Name: | Text Box | | Password: | Text Box | | Remember Me: | Checkbox | | Log in: | Button | | Register: | Link | | Google: | Button | |
| **Source:** | User input. |
| **Output:** | Registered users will be able to log in. |
| **Destination:** | Database Data is updated to contact list to access in the database. |
| **Action:** | * User name text box will check for name availability. * Password confirmation box confirms passwords match. * Login button will accept input, allow for access to user account, and redirect to index home page. |
| **Requirements:** | User must have internet access and database must be online. System should be fully functional. |
| **Precondition:** | User is on the login page. |
| **Post condition:** | User information is available in the system (user can login to the system). |

## Movie

* 1. Create Movie

|  |  |
| --- | --- |
| **Function:** | Create Movie |
| **Description:** | Users will be able to create movies. |
| **Inputs:** | |  |  | | --- | --- | | Title: | Text Box | | Director Name: | Dropdown Box | | Genre Type: | Dropdown Box | | Release Date: | Textbox | | Summary: | Textbox | | Thumbnail: | Upload file from user | | Browse: | Select File | | Create: | Button | | Back: | Button | |
| **Source:** | Click the Movie link, and then click Add Movie button. |
| **Output:** | New movie created. |
| **Destination:** | Database Data is inserted in database. |
| **Action:** | * System will verify user authorization. * Create new information if missing. * Create in database and redirects to index page. |
| **Requirements:** | User must have internet access and database must be online system should be fully functional. |
| **Precondition:** | Database must be available. All fields must have correct data. Current user is logged in. |
| **Post condition:** | Movie Created. |

## Movie

* 1. Edit Movie

|  |  |
| --- | --- |
| **Function:** | Create Movie |
| **Description:** | Users will be able to create movies. |
| **Inputs:** | |  |  | | --- | --- | | Title: | Text Box | | Director ID: | Dropdown Box | | Genre ID: | Dropdown Box | | Release Date: | Textbox | | Summary: | Text Box | | Save: | Button | | Back to List: | Link | |
| **Source:** | Click on the Movie link, and then click edit button. |
| **Output:** | User will be able to edit existing movie information. |
| **Destination:** | Database Data is updated in database. |
| **Action:** | * Edit updates table in database and redirects to index page. |
| **Requirements:** | User must have internet access and database must be online system should be fully functional. |
| **Precondition:** | Database must be available. All fields must have correct data. Current user is not available in system. |
| **Post condition:** | Movie updated. |

1. Movie
   1. View/Detail Movie

|  |  |
| --- | --- |
| **Function:** | View Details |
| **Description:** | Users will be able to view details. |
| **Inputs:** | |  |  | | --- | --- | | Title Header: | View Movie Name | | Movie Information:   * Genre: * Director: * Release Date: * Cast:  1. Create Cast Member:   a. Movie Name  b. Actor Name  c. Create  d. Add  e. Back   * Add: * Delete: | Information Box   1. Dropdown Box 2. Dropdown Box 3. Button 4. Button 5. Button  * Link * Link | | Browse: | Button | | Upload: | Button | | Summary: | View summary about Movie | | Review:   * Add Review | * Link | | Movie Comments:   * Add Comments | * Link | | Edit: | Button | | Back: | Button | |
| **Source:** | Click on the Movie Link, and then click Details Button. |
| **Output:** | User will be able to view detail movie. |
| **Destination:** | Database Data is updated in database. |
| **Action:** | * View details about the movie. |
| **Requirements:** | User must have internet access and database must be online system should be fully functional. |
| **Precondition:** | Database must be available. |
| **Post condition:** | View details movie is available. |

1. Movie
   1. Delete Movie

|  |  |
| --- | --- |
| **Function:** | Delete Movie |
| **Description:** | Administrator will be able to delete movies. |
| **Inputs:** | |  |  | | --- | --- | | Movie Information:   * Title: * Genre: * Release: * Overall Rating: | Information Box | | Details: | Button | | Delete: | Button | | Rate: | Button | | Tweet: | Button | |
| **Source:** | Click on the Movie Link, and then click Delete Button. |
| **Output:** | User will be able to delete movie. |
| **Destination:** | Database Data is updated in database. |
| **Action:** | * Administrator must be assigned Admin role. |
| **Requirements:** | Administrator must have internet access and database must be online system should be fully functional. |
| **Precondition:** | Database must be available. All fields must have correct data. |
| **Post condition:** | Index updated. |

1. Movie
   1. Movie Comments

3.5.1. Create/Add Comments

|  |  |
| --- | --- |
| **Function:** | Create/Add Comment |
| **Description:** | Users will be able to create and add comments |
| **Inputs:** | |  |  | | --- | --- | | Comments: | Text Box | | Message Board Name: | Dropdown Box | | Create: | Button | | Back to List: | Link | |
| **Source:** | Access to Movie Details and create comment view. |
| **Output:** | User will be able to view and Add Comments. |
| **Destination:** | Database Data is updated in database. |
| **Action:** | * User will be able to view and add comments about the movie. * Create in database and redirects to index page. |
| **Requirements:** | User must have internet access and database must be online system should be fully functional. |
| **Precondition:** | Database must be available. All fields must have correct data. |
| **Post condition:** | User’s Comments created and updated. |

1. Movie Create

3.6. Create New Actor/Edit

|  |  |
| --- | --- |
| **Function:** | Create Actor |
| **Description:** | Users will be able to create actors. |
| **Inputs:** | |  |  | | --- | --- | | First Name: | Textbox | | Last Name: | Textbox | | Date of Birth: | Textbox | | Bio: | Text box | | Create: | Button | | Save: | Button | | Back to List: | Link | |
| **Source:** | Add Actor button on movie details page, redirect to /actor/ create page, then redirect back to movie details. |
| **Output:** | Users will be able to create their own cast/actor. |
| **Destination:** | Database Data is updated in database. |
| **Action:** | * User will be able to update listed cast members for each movie. |
| **Requirements:** | User must have internet access and database must be online system should be fully functional. |
| **Precondition:** | Database must be available. All fields must have correct data. |
| **Post condition:** | Actor added to cast list on movie details page. |

1. Movie Create
   1. Create Director

|  |  |
| --- | --- |
| **Function:** | Create director |
| **Description:** | Users will be able to create directors. |
| **Inputs:** | |  |  | | --- | --- | | Director Name: | Textbox | | Date of Birth: | Textbox | | Bio: | Textbox | | Create: | Button | | Back to List: | Link | |
| **Source:** | Redirect from home page to director index and then to create new director web page. |
| **Output:** | New user will be able to create their own director. |
| **Destination:** | Database Data is updated. |
| **Action:** | Users will be able to create their own director. |
| **Requirements:** | User must have internet access and database must be online system should be fully functional. |
| **Precondition:** | Database must be available. All fields must have correct data. Current user is not available in system. |
| **Post condition:** | Director information created. |

# Test Cases

## Register to Create a New Account/ Incident Bug Reports

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Scenario** | **Input Specifications** | **Output Specifications** | **Pass / Fail** |
| 1. | ***-Validate link availability*** | * ***Go to home page without logging*** * ***Click Register*** | Registration screen appears | Pass |
| 2. | -Accept new valid user name  - Accept valid password (all minimum requirements met) | * Click Register Link * Enter a valid user name, (e.g. Rose) * Enter a valid password with minimum requirements, (e.g. abc123) * Re-enter the password in the Confirm Password * Click Register Button | * Profile saved and newly registered user logged in * Hello Rose! Will appear in the top of the Home page by the Login Link | Pass |
| 3. | -Manage Account by clicking on the same user name  -Change Password Form also show in the same page | * Enter Current password: abc123 * Enter New Password with minimum requirements: abc111 * Re-enter the new password in the Confirm New Password: abc111 * Click Change Password | * A message shows which is “Your password has been changed” | Pass |
| 4. | Change Current password with the new password | * Enter Current password: abc111 * Enter New Password with minimum requirements: (actually enter the same password which is abc111) * Re-enter the new password in the Confirm New Password: abc111 * Click Change Password | * A message shows “Your password has been changed” * An error message should show that “you can’t have the same password” | Fail / Bug |
| 5. | Reject User Name and Password  No user name and  Password entered | * Go to Home page * Click Register Link * Do not enter any value * Click Register Button | Error message:   * The User Name field is required * The Password field is required | Pass |
| 6. | Reject User Name  Account already exist | * Go to Home page * Click Register Link * Enter a valid user name that is already registered (e.g. Rose) * Click Register Button | Register not successful, message appears: Name Rose is already taken | Pass |
| 7. | Reject User name  No host name | * Go to Home page * Click Register Link * Enter a valid user name that is already registered with value (e.g. Rose@email.com) * Click Register Button | Error: User Name Rose@email.com is invalid, can only contain letters or digits | Pass |
| 8. | Reject User Name  No top-level domain | Repeat Scenario 7 with value: Rose@email | Error: User Name Rose@email is invalid, can only contain letters or digits | Pass |
| 9. | Reject Special Characters in User Name | * Go to Home page * Click Register Link * Enter a valid user name with value (e.g. Rose@@##$$) * Click Register Button | Error: User Name Rose@@##$$ is invalid, can only contain letters or digits | Pass |
| 10. | Reject Password  No Password entered | * Click link in user name to set password * Do not enter any password * Click Register Button | Error message: The Password field is required | Pass |
| 11. | Reject Password  No Confirm Password entered | * Click link in user name to set password * Enter valid password in Password box: asdasd * Do not enter any value in Confirm Password box * Click Register Button | Error Message: ‘Confirm Password’ and ‘Password’ do not match | Pass |
| 12. | Reject Password  Confirm Password doesn’t match | * Click link in user name to set password * Enter valid password in Password box: abc123 * Enter another value in Confirm Password box: asdasd * Click Register Button | Error Message: ‘Confirm Password’ and ‘Password’ do not match | Pass |
| 13. | Reject Password  Less than 6 Characters | * Click link in user name to set password * Enter value in Password and Confirm Password boxes: abc12 | Error Message: The Password must be at least 6 Characters long | Pass |
| 14. | Reject Password  More than 20 Characters | * Click link in user name to set password * Enter value in Password and Confirm Password boxes: 1111111111111111111111111111111111111111 | * Register is successful * Error Message should show: The Password must be at least 6 Characters long and no more than 20 characters | Fail / Bug |
| 15. | Empty Field accepted in the Create Movie home Page | * Click Movie Link in the Home Page * Click Add Movie button * Click Create in the create Movie Home Page without inserting any information | * Users will be able to create a movie without inserting any information * Error message should show | Fail / Bug |
| 16. | First name and Last Name accept Numbers in the Director Create Home page | * Click Movie Link in the home page * Click Add Movie button * Click Add New button For the Director name Field * Insert numbers in the First and Last Name Field * Click Create in the create Movie Home Page | * Allow user to insert numbers in the First and Last Name Field * An Error message Should show | Fail / Bug |
| 17. | Birth Date Field accept Text in the Create Director Home page | * Click Movie Link in the home page * Click Add Movie button * Click Add New button For the Director name Field * Insert letters for the Birth Date Field * Click Create in the create Director Home Page * And then Click Create in the create Movie Home Page | * Allow user to insert letters for the Birth Date Field * An Error message Should show | Fail / Bug |
| 18. | Release Date Field accept Text in the Edit Movie Home page | * Click Movie Link in the home page * Click Add Movie button * Click Create in the create Movie Home Page * Then Click Edit Movie * Insert Text in the Release Date | * Allow user to insert letters for the Release Date Field * An Error message Should show | Fail / Bug |