**6.4** **Yêu cầu chức năng của Guest**

6.4.1 Use case “Register”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_01** | | | |
| **Use Case No.** | MRABTW\_UC\_01 | **Use case version** | 1.0 |
| **Use case name** | Register | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 14/09/2020 | **Priority** | High |
| **Actor:**   * Unauthorized user (Guest)   **Summary:**   * Allows guest to create an account as role “User”.   **Goal:**   * Guest becomes authorized user of the website with role as “User”.   **Triggers:**   * Guest who haven’t registered an account to the website. * Guest click on “Register” in the Login popup   **Preconditions:**   * Guest who doesn’t have an account.   **Post conditions:**   * Succeeded: Guest is logged in to the website as role “User” * Failed: Cannot create account.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Actor Action** | **System Response** | | 1 | Guest clicks “Register” on the right side of the navigation bar.  [Alternative 1] | The website navigate to the register screen. | | 2 | Guest types his/her email, username, passwords | [Exception 1], [Exception 2] | | 3 | Guest clicks “Tạo tài khoản”  [Alternative 2] | Notification appears above the register form “Tạo tài khoản thành công” and the website navigates back to home page.  [Exception 3] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Actor Action** | **System Response** | | 1 | Guest clicks “Register” at the bottom of Login popup |  | | 2 | Guest types “Enter” | The register form will be submitted and the website will validate the input fields. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | Guest leaves username, passwords or empty. | Errors appear under the empty inputs “Không được bỏ trống trường này”. | | 2 | Password and confirm password don’t match | Error appears under the Confirm password input “Các mật khẩu không trùng khớp”. | | 3 | Reused email or username | Errors on the top of email or username input “Đã được sử dụng”. |   **Relationships:**  **Business Rules:**   * Username: cannot be left empty and cannot be reused. * Email: cannot be left empty and cannot be reused. * Password and Confirm password: cannot be left empty and must match with each other. | | | |

Specification of usecase “Register”

**6.5 Yêu cầu chức năng của Unauthorized user**

6.5.1 Use case “Login”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_02** | | | |
| **Use Case No.** | MRABTW\_UC\_02 | **Use case version** | 1.0 |
| **Use case name** | Login | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 14/09/2020 | **Priority** | High |
| **Actor:**   * Unauthorized user (Guest)   **Summary:**   * Allows unauthorized user to login to the website.   **Goal:**   * User with authorization is logged in to the website with specific role.   **Triggers:**   * Users need to log in the website for some specific functions. * User click “Login” on the navigation bar.   **Preconditions:**   * User haven’t logged in to the website.   **Post conditions:**   * Succeeded: User is logged in to the website with specific role. * Failed: Error “Invalid user”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Actor Action** | **System Response** | | 1 | Unauthorized user clicks “Login” on the right side of the navigation bar | The website shows the popup “Login” in the middle of the screen | | 2 | Unauthorized user types his/her name and password on the login form | [Exception 1] | | 3 | Unauthorized user clicks “Login”  [Alternative 1] | The popup disappears. On the right side of the navigation bar there will be the username of user  [Exception 2] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Actor Action** | **System Response** | | 1 | Unauthorized user types “Enter” | The login form will be submitted and the website will validate the username and password |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | Unauthorized user leaves username or password or both fields empty | Errors appear under the username or password input “Please fill out this field” | | 2 | Invalid username and password | Error appears on the top of login form “Invalid user” |   **Relationships:**  **Business Rules:**   * Username: cannot be left empty. * Password: cannot be left empty. | | | |

Specification of usecase “Login”

6.5.2. Use case “Reset password”

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_03** | | | |
| **Use Case No.** | MRABTW\_UC\_03 | **Use case version** | 1.0 |
| **Use case name** | Reset password | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 14/09/2020 | **Priority** | Low |
| **Actor:**   * Unauthorized user (Guest)   **Summary:**   * Allows authorized user who forgot password to make a new password for his/her account.   **Goal:**   * Unauthorized user logins to the website with the new password.   **Triggers:**   * Unauthorized user forgot his/her password and clicks “Forgot password?” in the Login popup.   **Preconditions:**   * Unauthorized user haven’t logged in to the website.   **Post conditions:**   * Succeeded: User can login to the website with the new password. * Failed: User cannot login to the website with the new password.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Actor Action** | **System Response** | | 1 | Unauthorized user clicks “Login” on the right side of the navigation bar. | The Login popup appears at the center of the screen. | | 2 | Unauthorized user clicks “Forgot password?” at the right corner above the password input in the login form | The website navigate to reset password page. | | 3 | Unauthorized user types his/her registered email and clicks “Quên mật khẩu" | [Exception 1]  [Exception 2] | | 4 | Unauthorized user checks email and goes to the reset password link the website has sent. |  | | 5 | Unauthorized user types new password and confirm password. | [Exception 3] | | 6 | Unauthorized user clicks “Đặt lại mật khẩu” | Notification appears above the form “Đặt lại mật khẩu thành công” and the website navigates back to home page.  [Exception 4] |   **Alternative Scenario:**  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User leaves email empty. | Error appears under the empty inputs “Không được bỏ trống trường này”. | | 2 | User types email that does not exist | Error appears above the empty input “Tài khoản này không tồn tại”. | | 3 | Password and confirm password don’t match | Error appears under the Confirm password input “Các mật khẩu không trùng khớp”. | | 4 | Reused password | Errors on the top of password input “Đã được sử dụng”. |   **Relationships:** MRABTW\_UC\_02  **Business Rules:**   * Email: cannot be left empty and need existing. * Password and Confirm password: cannot be left empty and must match with each other. | | | |

Specification of usecase “Reset password”

6.5.3. Use case “View upcoming movies”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_04** | | | |
| **Use Case No.** | MRABTW\_UC\_04 | **Use case version** | 1.0 |
| **Use case name** | View upcoming movies | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 15/09/2020 | **Priority** | High |
| **Actor:**   * Unauthorized user.   **Summary:**   * Allows user to view upcoming movies.   **Goal:**   * The website displays a list of upcoming movies.   **Triggers:**   * User clicks “Sắp chiếu” option in the menu “Phim” of navigation bar.   **Preconditions:**   * There’s no precondition for this use case.   **Post conditions:**   * Succeeded: The website directs to the movie list screen.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Sắp chiếu” option in the menu “Phim” of navigation bar | The website directs to the movie list screen displaying upcoming movies.  [Exception 1] |   **Alternative Scenario:**  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 |  | The website displays “Không có phim sắp chiếu” |   **Relationships:**  **Business Rules:** | | | |

Specification of usecase “View upcoming movies”

6.5.4 Use case “View movies in theaters”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_05** | | | |
| **Use Case No.** | MRABTW\_UC\_05 | **Use case version** | 1.0 |
| **Use case name** | View movies in theaters | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 15/09/2020 | **Priority** | Normal |
| **Actor:**   * Unauthorized user.   **Summary:**   * Allows user to view movies now playing in theaters.   **Goal:**   * The website displays a list of movies on theaters.   **Triggers:**   * User clicks “Đang chiếu” option in the menu “Phim” of navigation bar.   **Preconditions:**   * There’s no precondition for this use case.   **Post conditions:**   * Succeeded: The website directs to the movie list screen.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Đang chiếu” option in the menu “Phim” of navigation bar | The website directs to the movie list screen displaying movies that are playing at the theaters.  [Exception 1] |   **Alternative Scenario:**  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 |  | The website displays “Không có phim đang chiếu” |   **Relationships:**  **Business Rules:** | | | |

Specification of usecase “View movies in theaters”

6.5.5 Use case “View movie details”

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_06** | | | |
| **Use Case No.** | MRABTW\_UC\_06 | **Use case version** | 1.0 |
| **Use case name** | View movie details | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 15/09/2020 | **Priority** | Normal |
| **Actor:**   * Unauthorized user.   **Summary:**   * Allows user to view details of a movie.   **Goal:**   * The website displays movie’s details.   **Triggers:**   * User clicks on a movie in the movie list screen.   **Preconditions:**   * There’s no precondition for this use case.   **Post conditions:**   * Succeeded: The website directs to the movie’s details screen.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks on a movie in the movie list screen | The website directs to the movie’s details screen displaying movie’s information, showtimes, reviews. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User clicks on a movie in the movie list in home page |  |   **Exceptions:**  **Relationships:**  **Business Rules:** | | | |

Specification of usecase “View movie details”

6.5.6 Use case “View movie’s showtimes”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_09** | | | |
| **Use Case No.** | MRABTW\_UC\_09 | **Use case version** | 1.0 |
| **Use case name** | View movie’s showtimes | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 15/09/2020 | **Priority** | Normal |
| **Actor:**   * Unauthorized user.   **Summary:**   * Allows user to view the movie’s showtimes at theaters that are located in the user’s city.   **Goal:**   * The website displays the movie’s showtimes in specific cinemas.   **Triggers:**   * User clicks “Lịch chiếu” in the movie details screen.   **Preconditions:**   * The website is in the movie details screen.   **Post conditions:**   * Succeeded: The website displays the movie’s showtimes in every cinema located at user’s city.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks the tab “Lịch chiếu” in the movie details screen. | Displays a list of cinema chains | | 2 | User clicks on a cinema chain | Display a list of cinemas located in user’s city | | 3 | User clicks on a cinema in the list | Displays a list of showtimes of the movie in that cinema |   **Alternative Scenario:**  **Exceptions:**  **Relationships:** MRABTW\_UC\_06  **Business Rules:**   * The showtime which is already passed will has color gray. | | | |

Specification of usecase “View movie’s showtimes”

6.5.7 Use case “Book tickets”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_10** | | | |
| **Use Case No.** | MRABTW\_UC\_10 | **Use case version** | 1.0 |
| **Use case name** | Book tickets | | |
| **Author** | Nguyễn Ngọc Tú Duyên | | |
| **Date** | 21/10/2020 | **Priority** | Normal |
| **Actor:**   * Unauthorized user, Authorized user.   **Summary:**   * Allows user to book the movie’s tickets from cinemas that are cooperate with “Movie Review and Tickets ”.   **Goal:**   * User can book the movie’s tickets valid as tickets purchased at cinema.   **Triggers:**   * User clicks “Mua vé” in the hompage screen.   **Preconditions:**  **Post conditions:**   * Succeeded: User can book the movie’s tickets from cinemas that are cooperate with “Movie Review and Tickets ”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks the tab “Mua vé” in the homepage screen. | Displays a list of movies | | 2 | User clicks on a movie in list | Display a list of area | | 3 | User clicks on a area and day to choose the cinema | Displays a list of showtimes of the movie in that cinema | | 4 | User clicks on a showtime in list | Display a list of rows and countdown booking seat time | | 5 | User chooses seat number in list then clicks “Tiếp tục” | Display “Bắp Nước” (options) | | 6 | User chooses payments and fill in information form then clicks on “Thanh toán” | Display order confirmation form | | 7 | User clicks on “Tiến hành thanh toán” | Display Payoo payment gateway | | 8 | User fills in form then clicks on “Tiếp Tục” | Display suscessful ticket booking form and show Tickets’s information |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User fills in form in Payoo payment gateway then clicks on “Tiếp Tục” | Return the error message "Thanh toán không thành công”. | | 2 | User has unpaid before the countdown deadline | Return the message “Hết thời gian giữ ghế. Hãy thực hiện lại đơn hàng của bạn trong 5 phút” and show “Đặt lại” button. |   **Exceptions:**  **Relationships:**  **Business Rules:** | | | |

Specification of usecase “Book tickets”

Use case “Search movie”

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_11** | | | |
| **Use Case No.** | MRABTW\_UC\_12 | **Use case version** | 1.0 |
| **Use case name** | Search movie | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 15/09/2020 | **Priority** | Normal |
| **Actor:**   * Unauthorized user.   **Summary:**   * Allows user to search movies matching the keyword.   **Goal:**   * The website navigates to the search screen and displays list of movies matching the search keyword.   **Triggers:**   * User types “Enter” after typing a search string or clicks the search symbol next to the search input.   **Preconditions:**   * User is in the home page of the website where the search bar is.   **Post conditions:**   * Succeeded: The website navigates to the search screen and displays list of movies matching the search keyword.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User types the search keyword into the search input in home page and clicks the search symbol on the right side of the input  [Alternative 1] | The website navigates to the search screen and displays list of movies matching the search keyword.  [Alternative 2] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User types “Enter” after typing the search string |  | | 2 |  | Displays “Không tìm thấy phim” |   **Exceptions:**  **Relationships:**  **Business Rules:** | | | |

Specification of usecase “Search Movie”

6.5.10 Use case “View Cinemas”

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| **USE CASE – MRABTW\_UC\_13** | | | |
| **Use Case No.** | MRABTW\_UC\_13 | **Use case version** | 1.0 |
| **Use case name** | View Cinemas | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 15/09/2020 | **Priority** | Normal |
| **Actor:**   * Unauthorized user.   **Summary:**   * Allows user to view cinemas located in user’s city.   **Goal:**   * The website navigates to the cinemas screen and displays a list of cinemas located in user’s city.   **Triggers:**   * User clicks “Rạp phim” button on the left side of the navigation bar.   **Preconditions:**   * There’s no precondition for this usecase.   **Post conditions:**   * Succeeded: The website navigates to the cinemas screen and displays list of cinemas located in user’s city.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Rạp phim” button on the left side of the navigation bar | The website navigates to the cinemas screen and displays list of cinemas located in user’s city. |   **Alternative Scenario:**  **Exceptions:**  **Relationships:**  **Business Rules:** | | | |

Specification of usecase “View Cinemas”

6.5.11 Use case “Search cinema”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_14** | | | |
| **Use Case No.** | MRABTW\_UC\_14 | **Use case version** | 1.0 |
| **Use case name** | Search cinema | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 16/09/2020 | **Priority** | Normal |
| **Actor:**   * Unauthorized user.   **Summary:**   * Allows user to search for cinemas located in user’s city that matches the search keyword.   **Goal:**   * The website displays a list of cinemas matching the search keyword.   **Triggers:**   * User types “Enter” after typing a search string or clicks the search symbol next to the search input.   **Preconditions:**   * The website is at the cinema list screen.   **Post conditions:**   * Succeeded: The website displays a list of cinemas located in user’s city that matches the search keyword.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User types search keywords into the search input in the cinema list screen then clicks the search symbol on the right side of the input  [Alternative 1] | The cinema list screen displays a list of cinemas located in user’s city that matches the search keyword.  [Alternative 2] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User types “Enter” after typing the search string |  | | 2 |  | Displays “Không tìm thấy rạp” |   **Exceptions:**  **Relationships:** MRABTW\_UC\_13  **Business Rules:** | | | |

Specification of usecase “Search cinema”

Use case “View cinema details”

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_15** | | | |
| **Use Case No.** | MRABTW\_UC\_15 | **Use case version** | 1.0 |
| **Use case name** | View cinema details | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 16/09/2020 | **Priority** | Normal |
| **Actor:**   * Unauthorized user.   **Summary:**   * Allows user to view cinema’s details.   **Goal:**   * The website navigates to the cinema’s detail screen and displays cinema’s information.   **Triggers:**   * User clicks on a cinema in the cinema list screen.   **Preconditions:**   * The website is in the cinema list screen.   **Post conditions:**   * Succeeded: The website navigates to the cinema’s detail screen and displays cinema’s information.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks on a cinema in the cinema list screen | The website navigates to the cinema’s detail screen and displays cinema’s information includes: details, map, showtimes. |   **Alternative Scenario:**  **Exceptions:**  **Relationships:** View Cinemas (MRABTW\_UC\_13), Book tickets (MRABTW\_UC\_10), View cinema chain (MRABTW\_UC\_16)  **Business Rules:** | | | |

Specification of usecase “View cinema details”

Use case “View cinema chain”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_16** | | | |
| **Use Case No.** | MRABTW\_UC\_16 | **Use case version** | 1.0 |
| **Use case name** | View cinema chain | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 16/09/2020 | **Priority** | Normal |
| **Actor:**   * Unauthorized user.   **Summary:**   * Allows user to view the cinema chain that the cinema belongs to.   **Goal:**   * The website navigates to the cinema chain screen and displays cinemas in that cinema chain.   **Triggers:**   * User clicks the cinema chain’s name below the name of the cinema in the cinema’s details screen   **Preconditions:**   * The website is in the cinema’s details screen.   **Post conditions:**   * Succeeded: The website navigates to the cinema chain screen and displays cinemas in that cinema chain.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks the cinema chain’s name below the cinema’s name in the cinema details screen | The website navigates to the cinema chain screen and displays cinemas in that cinema chain |   **Alternative Scenario:**  **Exceptions:**  **Relationships:** View cinema details (MRABTW\_UC\_15)  **Business Rules:** | | | |

Specification of usecase “View cinema chain”

### **Yêu cầu chức năng của** **“Authorized user”**

Use case “Like a movie”

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_11** | | | |
| **Use Case No.** | MRABTW\_UC\_11 | **Use case version** | 1.0 |
| **Use case name** | Like a movie | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 15/09/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user.   **Summary:**   * Allows user to like a movie and add this movie to his/her watchlist.   **Goal:**   * The heart symbol of the movie from gray turns to red and the movie will be added to the watchlist of user.   **Triggers:**   * User clicks the heart symbol of a movie in the movie list.   **Preconditions:**   * There’s no precondition for this usecase.   **Post conditions:**   * Succeeded: The heart symbol of the movie from gray turns to red. * Failed: The heart symbol of the movie doesn’t turns to red, no movie added to watchlist.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks the heart symbol of a movie in the movie list screen  [Alternative 1]  [Alternative 2] | The heart symbol of the movie from gray turns to red. The movie is added to user’s watchlist |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User clicks the heart symbol of the movie in movie details screen |  | | 2 | User hasn’t logged in to the website | Popup login disappears |   **Exceptions:**  **Relationships:**  **Business Rules:**   * Unauthorized user will need authorization to like a movie. | | | |

Specification of usecase “Like a movie”

6.6.1 Use case “Write a review and rate”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_07** | | | |
| **Use Case No.** | MRABTW\_UC\_07 | **Use case version** | 1.0 |
| **Use case name** | Write a review and rate | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 15/09/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user.   **Summary:**   * Allows user to rate and write view for a movie.   **Goal:**   * User’s review and rating for a movie will be displayed in the review list of that movie.   **Triggers:**   * User clicks “Đánh giá” in the movie details screen.   **Preconditions:**   * The website is in the movie details screen.   **Post conditions:**   * Succeeded: User’s review and rating for a movie will be displayed in the review list of that movie. * Failed: Cannot add review.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Đánh giá” in the movie details screen. | Popup Review will be displayed at the center of movie detail screen. | | 2 | User rates and types review and ticks “Review có tiết lộ nội dung?” if the review contains spoilers | [Exception 1] | | 3 | User clicks “Đăng” | User’s review and rating for a movie will be displayed in the review list of that movie.  [Alternative 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User hasn’t logged in to the website | Popup Login will be displayed |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User writes a review but leaves the rating empty | Error in the Review form “Không được để trống” |   **Relationships:** MRABTW\_UC\_06  **Business Rules:**   * Rating: cannot be left empty if the review input has content. * Review: can be left empty if user already rates the movie. * User needs authorization to post a review. | | | |

Specification of usecase “Write a review and rate”

6.6.2 Use case “Like or Dislike a review”

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_08** | | | |
| **Use Case No.** | MRABTW\_UC\_08 | **Use case version** | 1.0 |
| **Use case name** | Like or Dislike a review | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 15/09/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user.   **Summary:**   * Allows user to like or dislike a review.   **Goal:**   * The like (dislike) button below the review will be displayed in green (red for dislike).   **Triggers:**   * User clicks like or dislike button below the review.   **Preconditions:**   * The website is in the movie details screen.   **Post conditions:**   * Succeeded: The like (dislike) button below the review will be displayed in green (red for dislike).   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks on the like (dislike) button below the review. | The like (dislike) button below the review will be displayed in green (red for dislike). The number counting likes or dislikes next to the button will be updated.  [Alternative 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User hasn’t logged in to the website | Popup Login will be displayed |   **Exceptions:**  **Relationships:** MRABTW\_UC\_06  **Business Rules:**   * User cannot like and dislike a review at the same time. * Unauthorized user when clicks on like/dislike button will need authorization to like or dislike a review. | | | |

Specification of usecase “Like or Dislike a review”

Use case “Log out”

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_17** | | | |
| **Use Case No.** | MRABTW\_UC\_17 | **Use case version** | 1.0 |
| **Use case name** | Log out | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 16/09/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user   **Summary:**   * Allows user to log out of the website.   **Goal:**   * User logs out of the website becoming unauthorized user.   **Triggers:**   * User clicks “Logout” in the menu on the right side of the website’s navigation bar.   **Preconditions:**   * User has already logged in to the website.   **Post conditions:**   * Succeeded: User log out of the website becoming unauthorized user.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Logout” in the menu on the right side of the website’s navigation bar | The website navigates to the home page, username at the right side of the navigation bar disappears |   **Alternative Scenario:**  **Exceptions:**  **Relationships:**  **Business Rules:** | | | |

Bảng 8. Specification of usecase “Log out”

Use case “Update profile”

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_18** | | | |
| **Use Case No.** | MRABTW\_UC\_18 | **Use case version** | 1.0 |
| **Use case name** | Update profile | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 16/09/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user.   **Summary:**   * Allows user to change their profile’s information.   **Goal:**   * The changes user make in their profile will be saved.   **Triggers:**   * User clicks “Quản lý tài khoản” in the menu on the right side of the navigation’s bar.   **Preconditions:**   * User has logged in to the website.   **Post conditions:**   * Succeeded: The website notifies “Cập nhật thành công”. * Failed: The website shows error.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Quản lý tài khoản” in the menu on the right side of the navigation’s bar | The website navigates to the user’s profile screen to display user’s information. | | 2 | User types into those inputs which user want to change | [Exception 1] | | 3 | User clicks “Cập nhật” | The website saves changes into the database and shows message “Cập nhật thành công” |   **Alternative Scenario:**  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User doesn’t type correct phone number format | Displays error above phone number input “Invalid phone number format” |   **Relationships:**  **Business Rules:**   * User cannot change username and email input. * Fullname, Region, Phone number could be left empty. * The profile image input cannot browse other file format except image. | | | |

Specification of usecase “Update profile”

Use case “Change password”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_19** | | | |
| **Use Case No.** | MRABTW\_UC\_19 | **Use case version** | 1.0 |
| **Use case name** | Change password | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 16/09/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user.   **Summary:**   * Allows user to changes his/her account’s password.   **Goal:**   * User’s new password will be saved into database and user can log in to the website by the new password.   **Triggers:**   * User clicks “Quản lý tài khoản” in the menu on the right side of the navigation’s bar, open the tab “Đổi mật khẩu” in profile screen.   **Preconditions:**   * User has logged in to the website.   **Post conditions:**   * Succeeded: The website shows message “Đổi mật khẩu thành công”. * Failed: The website shows error.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Quản lý tài khoản” in the menu on the right side of the navigation’s bar, open the tab “Đổi mật khẩu” in profile screen | The website navigates to the user’s profile screen then open tab “Đổi mật khẩu” | | 2 | User types the required inputs: Current password, New password, Confirm password | [Exception 1]  [Exception 2] | | 3 | User clicks “Đổi mật khẩu” | The website saves changes into the database and shows message “Đổi mật khẩu thành công”  [Exception 3] |   **Alternative Scenario:**  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User leaves required inputs empty | Errors appear above those input “Không được bỏ trống trường này” | | 2 | New password and confirm password don’t match | Error appears above Confirm password input “Mật khẩu không trùng khớp” | | 3 | Current password isn’t correct | Shows message “Mật khẩu hiện tại không đúng”. |   **Relationships:**  **Business Rules:**   * New password and Confirm password must match. * The required inputs: Current password, New password, Confirm password must be filled for user to be able to submit form. | | | |

Bảng 11. Specification of usecase “Change password”

Use case “View Watchlist”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_20** | | | |
| **Use Case No.** | MRABTW\_UC\_20 | **Use case version** | 1.0 |
| **Use case name** | View Watchlist | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 16/09/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user.   **Summary:**   * Allows user to view the list of movies he/she has rated and liked.   **Goal:**   * The website navigates to the watchlist screen and displays a list of movies he/she has rated and liked.   **Triggers:**   * User clicks “Tủ phim” in the menu on the right side of the navigation’s bar.   **Preconditions:**   * User has logged in to the website.   **Post conditions:**   * Succeeded: The website navigates to the watchlist screen and displays a list of movies he/she has rated and liked.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Tủ phim” in the menu on the right side of the navigation’s bar. | The website navigates to the watchlist screen and displays a list of movies he/she has rated and liked. |   **Alternative Scenario:**  **Exceptions:**  **Relationships:**  **Business Rules:** | | | |

Specification of usecase “View Watchlist”

6.6.5 Use case “View Order history”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_21** | | | |
| **Use Case No.** | MRABTW\_UC\_21 | **Use case version** | 1.0 |
| **Use case name** | View Order history | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 16/09/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user.   **Summary:**   * Allows user to view the list of orders he/she has made.   **Goal:**   * The website navigates to the order history screen and displays a list of orders user has made.   **Triggers:**   * User clicks “Lịch sử mua vé” in the menu on the right side of the navigation’s bar.   **Preconditions:**   * User has logged in to the website.   **Post conditions:**   * Succeeded: The website navigates to to the order history screen and displays a list of orders user has made.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Lịch sử mua vé” in the menu on the right side of the navigation’s bar. | The website navigates to to the order history screen and displays a list of orders user has made. |   **Alternative Scenario:**  **Exceptions:**  **Relationships:**  **Business Rules:** | | | |

Specification of usecase “View Order history”

6.6.6 Use case “Edit Review”

Specification of usecase “Edit Review”

6.6.7 Use case “Edit Review”

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_22** | | | |
| **Use Case No.** | MRABTW\_UC\_22 | **Use case version** | 1.0 |
| **Use case name** | Edit Review | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 17/09/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user.   **Summary:**   * Allows user to edit the review he/she wrote.   **Goal:**   * The changes will be saved to database and the review will be updated according to changes.   **Triggers:**   * User clicks “Đánh giá” in the movie details screen.   **Preconditions:**   * User has logged in to the website. * User is in the movie details screen of the movie for which user rated and wrote a review.   **Post conditions:**   * Succeeded: The changes user make will be saved to database and the review will be updated according to changes. * Failed: The review won’t be updated according to changes user make.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Đánh giá” in the movie details screen.  [Alternative 1] | Popup Review will be displayed at the center of movie detail screen and shows user’s review and rating of the movie | | 2 | User changes the rating, review or checkbox “Review có tiết lộ nội dung?” | [Exception 1] | | 3 | User clicks “Đăng” | User’s review for the movie will be updated in the review list of that movie. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User clicks “Chỉnh sửa” button below her/his review in the review list in movie’s details screen |  |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User writes a review but leaves the rating empty | Error in the Review form “Không được để trống” |   **Relationships:**  **Business Rules:**   * User can only edit his/her review. * Rating: cannot be left empty if the review input has content. * Review: can be left empty if user already rates the movie. | | | |

Specification of usecase “Edit Review”

6.6.8 Use case “Delete review”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_23** | | | |
| **Use Case No.** | MRABTW\_UC\_23 | **Use case version** | 1.0 |
| **Use case name** | Delete review | | |
| **Author** | Tôn Nữ Như Quỳnh | | |
| **Date** | 17/09/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user.   **Summary:**   * Allows user to delete his/her review for a movie.   **Goal:**   * The review will be deleted from database and disappear from the review list in movie’s details screen.   **Triggers:**   * User clicks “Đánh giá” in the movie details screen. * User clicks “Xóa review” button in the Review popup.   **Preconditions:**   * User has logged in to the website. * User is in the movie details screen of the movie for which user rated and wrote a review.   **Post conditions:**   * Succeeded: The website shows message “Xóa thành công” and the review will disappear from the review list in movie’s details screen. * Failed: The review won’t be deleted from the website.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Đánh giá” in the movie details screen. | Popup Review will be displayed at the center of movie detail screen and shows user’s review and rating of the movie | | 2 | User clicks “Xóa review” button in the Review popup.  [Alternative 1] | Confirm dialog appears “Bạn có chắc muốn xóa review này?” | | 3 | User clicks “Yes”  [Alternative 2] | The website shows message “Xóa thành công” and the review will disappear from the review list in movie’s details screen. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User clicks “Xóa review” button below her/his review in the review list in movie’s details screen |  | | 2 | User clicks “No” | The Confirm dialog disappears. |   **Exceptions:**  **Relationships:** MRABTW\_UC\_22  **Business Rules:**   * User can only delete his/her review. | | | |

Specification of usecase “Delete review”

**6.7 Yêu cầu chức năng của “Admin”**

6.7.1 Use case “Add movie”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_24** | | | |
| **Use Case No.** | MRABTW\_UC\_24 | **Use case version** | 1.0 |
| **Use case name** | Add movie | | |
| **Author** | Nguyễn Ngọc Tú Duyên | | |
| **Date** | 12/10/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user (Admin vs Super Admin)   **Summary:**   * Allows user to add a new movie for the website.   **Goal:**   * New movie being added to the database.   **Triggers:**   * User enters the “Quản lý phim” page. * User clicks “Thêm phim”.   **Preconditions:**   * User has logged in to website as Admin or Super Admin.   **Post conditions:**   * Success: website shows message “Thêm phim thành công”. * Failed: website shows message “Thêm phim không thành công”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks “Thêm phim” button at the left side of the movie list table in the “Quản lý phim” page | The website directs to the “Thêm phim” page, displays a list of upcoming movies. | | 2 | User clicks at the plus button of a movie | Dialog “Thêm phim” appears to show user the movie’s details | | 3 | User enters the empty fields and modifies some movie’s details | [Exception 1]  [Exception 2] | | 4 | User clicks “Lưu” | Dialog “Thêm phim” disappears, a green message appears on the top right corner of the screen “Thêm phim thành công”  [Exception 3] |   **Alternative Scenario:**  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User leaves required fields empty | Error appears under the empty input “Không được bỏ trống trường này”. The “Lưu” button stays disabled. | | 2 | User enters wrong format for the “Poster”, “Backdrop” or “Trailer” input | Error appears under the input “Url không hợp lệ!” | | 3 | The movie already exists in the database | Dialog “Thêm phim” disappears, a red message appears on the top right corner of the screen “Phim đã được thêm rồi!” |   **Relationships:**  **Business Rules:**   * “Tựa gốc”, “Tựa việt”, “Ngôn ngữ”, “Thể loại”, “Trạng thái”, “Thời gian”, “Ngày chiếu” inputs: cannot be left empty. * “Poster”, “Backdrop”, “Trailer” inputs: have to be url. | | | |

Bảng 12. Specification of usecase “Add movie”

6.7.2. Use case “Update movie’s details”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_25** | | | |
| **Use Case No.** | MRABTW\_UC\_25 | **Use case version** | 1.0 |
| **Use case name** | Update movie’s details | | |
| **Author** | Nguyễn Ngọc Tú Duyên | | |
| **Date** | 13/10/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user (Admin vs Super Admin)   **Summary:**   * Allows user to update the movie’s details.   **Goal:**   * Changes user has made will be saved into the database.   **Triggers:**   * User enters the “Quản lý phim” page. * User clicks the edit icon of a movie and picks the “Chi tiết phim”option.   **Preconditions:**   * User has logged in to website as an Admin or Super Admin.   **Post conditions:**   * Success: website shows message “Cập nhật phim thành công”. * Failed: website shows message “Cập nhật phim không thành công”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks the edit icon of a movie | A dropdown menu with two options: “Chi tiết phim” và “Diễn viên” is displayed | | 2 | User clicks “Chi tiết phim” | Dialog “Cập nhật phim” appears to show user the movie’s details | | 3 | User modifies the desired fields | [Exception 1]  [Exception 2] | | 4 | User clicks “Lưu” | Dialog “Cập nhật phim” disappears, a green message appears on the top right corner of the screen “Cập nhật phim thành công”  [Exception 3] |   **Alternative Scenario:**  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User leaves required fields empty | Error appears under the empty input “Không được bỏ trống trường này”. The “Lưu” button stays disabled. | | 2 | User enters wrong format for the “Poster”, “Backdrop” or “Trailer” input | Error appears under the input “Url không hợp lệ!” | | 3 |  | Dialog “Thêm phim” disappears, a red message appears on the top right corner of the screen “Cập nhật phim không thành công!” |   **Relationships:**  **Business Rules:**   * “Tựa gốc”, “Tựa việt”, “Ngôn ngữ”, “Thể loại”, “Trạng thái”, “Thời gian”, “Ngày chiếu” inputs: cannot be left empty. * “Poster”, “Backdrop”, “Trailer” inputs: have to be url. | | | |

Specification of usecase “Update movie’s details”

6.7.3. Use case “Update movie’s casts”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_26** | | | |
| **Use Case No.** | MRABTW\_UC\_26 | **Use case version** | 1.0 |
| **Use case name** | Update movie’s casts | | |
| **Author** | Nguyễn Ngọc Tú Duyên | | |
| **Date** | 13/10/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user (Admin vs Super Admin)   **Summary:**   * Allows user to update the movie’s details.   **Goal:**   * Changes user has made for the movie’s casts will be saved into the database.   **Triggers:**   * User enters the “Quản lý phim” page. * User clicks the edit icon of a movie and picks the “Diễn viên”option.   **Preconditions:**   * User has logged in to website as an Admin or Super Admin.   **Post conditions:**   * Success: website shows message “Cập nhật phim thành công”. * Failed: website shows message “Cập nhật phim không thành công”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks the edit icon of a movie | A dropdown menu with two options: “Chi tiết phim” và “Diễn viên” is displayed | | 2 | User clicks “Diễn viên” option | Dialog “Diễn viên của phim” appears to show user the movie’s details | | 3 | User picks a cast in the list to edit  [Alternative 1]  [Alternative 2] | Name and character of the picked actor will be displayed in the input. Button “Thêm diễn viên” will be changed to “Cập nhật” | | 4 | User modifies the required input | [Exception 1]  [Exception 2] | | 5 | User clicks “Cập nhật”  [Alternative 3]  [Alternative 4] | The cast is updated in the cast list. A green message appears above the cast list “Đã cập nhật thay đổi” | | 6 | User clicks “Lưu” button | Dialog “Cập nhật phim” disappears, a green message appears on the top right corner of the screen “Cập nhật phim thành công”.  [Exception 3] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User doesn’t pick a cast to edit but instead, user types the input to add a new cast. |  | | 2 | User clicks the X icon to delete a cast off the list. | The picked cast is deleted from the cast list. | | 3 | User clicks “Thêm diễn viên” | The new cast appears in the cast list. A green message appears above the cast list “Đã thêm diễn viên”  [Exception 5] |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User leaves required fields empty | Error appears under the empty input “Không được bỏ trống trường này”. The “Cập nhật” button stays disabled. | | 2 | User enters wrong format for the “Poster”, “Backdrop” or “Trailer” input | Error appears under the input “Url không hợp lệ!” | | 3 |  | Dialog “Diễn viên của phim” disappears, a red message appears on the top right corner of the screen “Cập nhật phim không thành công!” | | 4 | User add an existed actor to the list | A red text appears above the “Tên diễn viên” input: “Diễn viên đã có rồi” |   **Relationships:**  **Business Rules:**   * “Tên diễn viên”, “Nhân vật” inputs: cannot be left empty. | | | |

Specification of usecase “Update movie’s casts”

6.7.4. Use case “Delete movie”

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_27** | | | |
| **Use Case No.** | MRABTW\_UC\_27 | **Use case version** | 1.0 |
| **Use case name** | Delete movie | | |
| **Author** | Nguyễn Ngọc Tú Duyên | | |
| **Date** | 13/10/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user (Admin vs Super Admin)   **Summary:**   * Allows user to delete a movie.   **Goal:**   * The movie and its reference data will be deleted from the website   **Triggers:**   * User enters the “Quản lý phim” page. * User clicks the delete icon of a movie.   **Preconditions:**   * User has logged in to website as an Admin or Super Admin.   **Post conditions:**   * Success: website shows message “Xóa phim thành công”. * Failed: website shows message “Xóa phim không thành công”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks the delete icon of a movie | A confirm box in the top middle corner of the screen will be displayed: “Bạn có chắc muốn xóa phim này không?” | | 2 | User clicks “Yes” option  [Alternative 1] | A green message appears on the top right corner of the screen “Xóa phim thành công”. The movie is disappeared from the movie list  [Exception 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User picks “No” option | The confirm dialog disappeared |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 |  | A red message appears on the top right corner of the screen “Cập nhật phim không thành công!” |   **Relationships:**  **Business Rules:**   * When user deletes a movie, the movie’s information and its reference data: casts, reviews will be deleted. The deleted movie will also disappear from watchlists of the website’s users | | | |

Specification of usecase “Delete movie”

6.7.5. Use case “Block user”

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| --- | --- | --- | --- |
| **USE CASE – MRABTW\_UC\_28** | | | |
| **Use Case No.** | MRABTW\_UC\_28 | **Use case version** | 1.0 |
| **Use case name** | Block user | | |
| **Author** | Nguyễn Ngọc Tú Duyên | | |
| **Date** | 13/10/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user (Admin vs Super Admin)   **Summary:**   * Allows user to block a user.   **Goal:**   * The blocked user will not be able to log in to the website.   **Triggers:**   * User enters the “Quản lý người dùng” page. * User clicks the block icon of a user in the user list.   **Preconditions:**   * User has logged in to website as an Admin or Super Admin.   **Post conditions:**   * Success: website shows message “Block tài khoản thành công”. * Failed: website shows message “Block tài khoản không thành công”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks the block icon of a user | A confirm box in the top middle corner of the screen will be displayed: “Bạn có chắc muốn khóa tài khoản (username) này không?” | | 2 | User clicks “Yes” option  [Alternative 1] | A green message appears on the top right corner of the screen “Block tài khoản thành công”. The user status from the tick icon changed to the ban icon  [Exception 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User picks “No” option | The confirm dialog disappeared |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 |  | A red message appears on the top right corner of the screen “Block tài khoản không thành công” |   **Relationships:**  **Business Rules:**   * An admin can only block an account with role user. Super admin can block both user and admin role. | | | |

Specification of usecase “Block user”

6.7.6. Use case “Unblock user”

|  |  |  |  |
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| **USE CASE – MRABTW\_UC\_29** | | | |
| **Use Case No.** | MRABTW\_UC\_29 | **Use case version** | 1.0 |
| **Use case name** | Unblock user | | |
| **Author** | Nguyễn Ngọc Tú Duyên | | |
| **Date** | 13/10/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user (Admin vs Super Admin)   **Summary:**   * Allows user to unblock an account.   **Goal:**   * The blocked user will be unblocked and be able to login the website.   **Triggers:**   * User enters the “Quản lý người dùng” page. * User clicks the unblock icon of an account in the user list.   **Preconditions:**   * User has logged in to website as an Admin or Super Admin.   **Post conditions:**   * Success: website shows message “Block tài khoản thành công”. * Failed: website shows message “Block tài khoản không thành công”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks the block icon of a user | A confirm box in the top middle corner of the screen will be displayed: “Bạn có chắc muốn kích hoạt tài khoản (username) này không?” | | 2 | User clicks “Yes” option  [Alternative 1] | A green message appears on the top right corner of the screen “Kích hoạt tài khoản thành công”. The user status from the ban icon changes to the tick icon.  [Exception 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User picks “No” option | The confirm dialog disappeared |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 |  | A red message appears on the top right corner of the screen “Kích hoạt tài khoản không thành công” |   **Relationships:**  **Business Rules:**   * An admin can only unblock an account with role user. Super admin can unblock both user and admin role. | | | |

Specification of usecase “Unblock user”

6.7.7. Use case “Delete user”

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| **USE CASE – MRABTW\_UC\_30** | | | |
| **Use Case No.** | MRABTW\_UC\_30 | **Use case version** | 1.0 |
| **Use case name** | Delete user | | |
| **Author** | Nguyễn Ngọc Tú Duyên | | |
| **Date** | 13/10/2020 | **Priority** | Normal |
| **Actor:**   * Authorized user (Admin vs Super Admin)   **Summary:**   * Allows user to delete an account.   **Goal:**   * The accounts and its reference data will be deleted from the website   **Triggers:**   * User enters the “Quản lý tài khoản” page. * User clicks the delete icon of an account.   **Preconditions:**   * User has logged in to website as an Admin or Super Admin.   **Post conditions:**   * Success: website shows message “Xóa tài khoản thành công”. * Failed: website shows message “Xóa tài khoản không thành công”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks the delete icon of an account | A confirm box in the top middle corner of the screen will be displayed: “Bạn có chắc muốn xóa người dùng này? Dữ liệu hoạt động của tài khoản này sẽ mất hết” | | 2 | User clicks “Yes” option  [Alternative 1] | A green message appears on the top right corner of the screen “Xóa tài khoản thành công”. The account is disappeared from the account list  [Exception 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User picks “No” option | The confirm dialog disappeared |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 |  | A red message appears on the top right corner of the screen “Xóa tài khoản không thành công” |   **Relationships:**  **Business Rules:**   * An admin can only delete the account with role user. Super admin can delete both user and admin role. * When an account is deleted, its reference data: reviews it has posted, movie it has liked and rated will also be deleted. | | | |

Specification of usecase “Delete user”

**6.8 Yêu cầu chức năng “Super Admin”**

Use case “Add cinema chain”

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| **USE CASE – MRABTW\_UC\_31** | | | |
| **Use Case No.** | MRABTW\_UC\_31 | **Use case version** | 1.0 |
| **Use case name** | Add cinema chain | | |
| **Author** | Nguyễn Ngọc Tú Duyên | | |
| **Date** | 13/10/2020 | **Priority** | Normal |
| **Actor:**   * Super admin   **Summary:**   * Allows user to add a cinema chain to the website.   **Goal:**   * The cinema chain and its cinemas will be added to the database.   **Triggers:**   * User enters the “Quản lý chuỗi rạp” page. * User picks a cinema chain and then clicks “Thêm chuỗi rạp”.   **Preconditions:**   * User has logged in to website as a Super Admin.   **Post conditions:**   * Success: website shows message “Thêm chuỗi rạp thành công”. * Failed: website shows message “Chuỗi rạp đã có trong hệ thống”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User picks a cinema chain in the dropdown menu. Then, user clicks “Thêm chuỗi rạp” button | A green message appears on the top right corner of the screen “Thêm chuỗi rạp thành công”. The new cinema chain appears in the list  [Exception 1] |   **Alternative Scenario:**  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User add an already existed cinema chain | A red message appears on the top right corner of the screen “Chuỗi rạp đã có trong hệ thống” |   **Relationships:**  **Business Rules:**   * When a cinema chain is added, the cinema chain’s information and its cinemas in the chain will be added to the database. | | | |

Bảng 15. Specification of usecase “Add cinema chain”

Use case “Update cinema’s information”

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| **USE CASE – MRABTW\_UC\_32** | | | |
| **Use Case No.** | MRABTW\_UC\_32 | **Use case version** | 1.0 |
| **Use case name** | Update cinema’s information | | |
| **Author** | Nguyễn Ngọc Tú Duyên | | |
| **Date** | 13/10/2020 | **Priority** | Normal |
| **Actor:**   * Super admin   **Summary:**   * Allows user to update cinema’s information.   **Goal:**   * The changes user has made will be saved into the database.   **Triggers:**   * User enters the “Quản lý chuỗi rạp” page. * User picks a cinema chain, and then clicks the edit icon of a cinema from that chain.   **Preconditions:**   * User has logged in to website as a Super Admin.   **Post conditions:**   * Success: website shows message “Cập nhật thông tin rạp thành công!”. * Failed: website shows message “Cập nhật thông tin rạp không thành công!”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User picks a cinema chain in the cinema chain list | A list of cinemas from that chain appears | | 2 | User clicks the edit icon of a cinema | A dialog “Cập nhật thông tin rạp” appears at the middle of the screen. | | 3 | User modifies the desired inputs | [Exception 1] | | 4 | User clicks “Lưu” button | Dialog disappears, a green message appears on the top right corner of the screen “Cập nhật thông tin rạp thành công!”.  [Exception 2] |   **Alternative Scenario:**  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User leaves the required inputs empty | Message appears beneath the empty input “Không được bỏ trống trường này” | | 2 |  | Dialog disappears, a red message appears on the top right corner of the screen “Cập nhật thông tin rạp không thành công!”. |   **Relationships:**  **Business Rules:**   * All the inputs in the “Cập nhật thông tin rạp” cannot be left empty. | | | |

Specification of usecase “Update cinema’s information”

Use case “Delete cinema chain”

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| **USE CASE – MRABTW\_UC\_33** | | | |
| **Use Case No.** | MRABTW\_UC\_33 | **Use case version** | 1.0 |
| **Use case name** | Delete cinema chain | | |
| **Author** | Nguyễn Ngọc Tú Duyên | | |
| **Date** | 13/10/2020 | **Priority** | Normal |
| **Actor:**   * Super admin   **Summary:**   * Allows user to delete the cinema chain.   **Goal:**   * The deleted cinema chain will be disappeared from database and the cinema chain list.   **Triggers:**   * User enters the “Quản lý chuỗi rạp” page. * User clicks the garbage icon in a cinema chain.   **Preconditions:**   * User has logged in to website as a Super Admin.   **Post conditions:**   * Success: website shows message “Xóa cụm rạp thành công!”. * Failed: website shows message “Xóa cụm rạp không thành công!”.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **STEP** | **Actor Action** | **System Response** | | 1 | User clicks the delete icon of an account | A confirm box in the top middle corner of the screen will be displayed: “Bạn có chắc muốn xóa cụm rạp này không?” | | 2 | User clicks “Yes” option  [Alternative 1] | A green message appears on the top right corner of the screen “Xóa cụm rạp thành công”. The cinema chain is disappeared from the cinema chain list  [Exception 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 | User picks “No” option | The confirm dialog disappeared |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Actor Action** | **System Response** | | 1 |  | A red message appears on the top right corner of the screen “Xóa cụm rạp không thành công” |   **Relationships:**  **Business Rules:**   * When a cinema chain is deleted, all the cinema data of the chain will also be deleted. | | | |

Specification of usecase “Delete cinema chain”