|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | CR-1: Client registration | | |
| Primary actor | Client | Secondary actors | - |
| Description | At the opening of app, the client can choose to create an account pressing a button. To create an account, he will have to define a username and a password. | | |
| Trigger | A user wants to create an account (press on Sign up button) | | |
| Preconditions | None | | |
| Postconditions | POST-1: An account is created for the user | | |
| Normal flow | 1. User enters a username and a password.   1’. The system creates account for the user. The user will be redirected to login page where username field will contain the username of new client. | | |
| Alternative flows | - | | |
| Exceptions | **E1. The username and password don’t respect the conditions**  System shows a message to inform the user that the given data was wrong. | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | CA-1: Client authentification | | |
| Primary actor | User | Secondary actors | - |
| Description | At the opening of the app by a user, he must introduce his personal information associated to his account (username and password) to get access at his account. | | |
| Trigger | A user wants to enter in his account | | |
| Preconditions | PRE-1: User must have a previously created account | | |
| Postconditions | POST-1: User is connected in his account. | | |
| Normal flow | **Enter in account:**   1. User introduces his username and password   1’. System guarantees access to the account. The main window of app opens. | | |
| Alternative flows | - | | |
| Exceptions | **E1. The username and password don’t match with any account:**  System shows a message to inform the user that the given data was wrong. | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | VS-1: View seats | | |
| Primary actor | User | Secondary actors | - |
| Description | In the main app page, the user will see the seat configuration from the movie hall. The occupied seats will be displayed in red color. | | |
| Trigger | A user connected in his account. | | |
| Preconditions | PRE-1: The user is connected. | | |
| Postconditions | - | | |
| Normal flow | **View seats:**  1’. System displays movie hall configuration for the user. | | |
| Alternative flows | - | | |
| Exceptions | **-** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | SR-1: Seat reservation | | |
| Primary actor | User | Secondary actors | - |
| Description | After logging in account, user will see a window with all the seats available in the cinema room. Every seat will have a color. The taken (occupied) seats will be displayed with red color and the free seats with green color. The user will click on the free seats which he wants to reserve. The selected seats will become orange. The user will able be to see the total price for the selected seats. For the confirmation of the purchase, the user will press on the button “Reserve”. The other users’ windows will display an updated version of the cinema room with the just bough seats being red. | | |
| Trigger | A user wants to reserve one or more seats at the movie | | |
| Preconditions | PRE-1: User must be successfully connected in his account.  PRE-2: The user must select at least a non-taken seat. | | |
| Postconditions | POST-1: User will have a reservation for the selected seats  POST-2: The reserved seats will be displayed as occupied (with red color) for every other user | | |
| Normal flow | **Reserve one or more seats:**   1. User will select the wanted seats (from the free seats).   1’. System will color the selected seats with orange  2’. System will display the price for the purchase   1. User will confirm the selected seats using the ‘Reserve’ button   2’. System will reserve the confirmed seats for the user  3’. System will display the reserved seats being occupied (with red color) | | |
| Alternative flows | - | | |
| Exceptions | **E1. The user didn’t select any seats.**  System will not permit user to buy tickets. | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | VW-1: View account | | |
| Primary actor | User | Secondary actors | - |
| Description | From the app’s main page, the connected client can go to ‘Account’ page. There will be information about account and some option described below. | | |
| Trigger | A user wants to see his account info. | | |
| Preconditions | PRE-1: User must be successfully connected in his account. | | |
| Postconditions | POST-1: User will be redirected to account page. | | |
| Normal flow | **View account:**   1. User press ‘Account’ button.   1’. System will redirect the user to account page | | |
| Alternative flows | - | | |
| Exceptions | - | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | DA-1: Delete account | | |
| Primary actor | User | Secondary actors | - |
| Description | From the app’s main page, the connected client can go to ‘Account’ page. There will be a ‘Delete account’ button which user can press on. | | |
| Trigger | A user wants to delete his account. | | |
| Preconditions | PRE-1: User must be successfully connected in his account. | | |
| Postconditions | POST-1: The account will be deleted.  POST-2: The user will be logged out (redirected to login page). | | |
| Normal flow | **Update password:**   1. User press ‘Delete account’ button.   1’. System will delete account and it will logged out the client. | | |
| Alternative flows | - | | |
| Exceptions | - | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UP-1: Update password | | |
| Primary actor | User | Secondary actors | - |
| Description | From the app’s main page, the connected client can go to ‘Account’ page. There he will see his username and he will be able to change his password. | | |
| Trigger | A user wants to update his password. | | |
| Preconditions | PRE-1: User must be successfully connected in his account. | | |
| Postconditions | POST-1: Password will be changed. | | |
| Normal flow | **Update password:**   1. User enters his new password (in ‘new password’ field and ‘confirm new password’ field)   1’. System will update the password for client’s account. | | |
| Alternative flows | - | | |
| Exceptions | **E1. The new password is not valid**  System will show an error message. | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UP-1: Update password | | |
| Primary actor | User | Secondary actors | - |
| Description | From the app’s main page, the connected client can go to ‘Account’ page. There he will see his username and he will be able to change his password. | | |
| Trigger | A user wants to update his password. | | |
| Preconditions | PRE-1: User must be successfully connected in his account. | | |
| Postconditions | POST-1: Password will be changed. | | |
| Normal flow | **Update password:**   1. User enters his new password (in ‘new password’ field and ‘confirm new password’ field)   1’. System will update the password for client’s account. | | |
| Alternative flows | - | | |
| Exceptions | **E1. The new password is not valid**  System will show an error message. | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | CL-1: Client logout | | |
| Primary actor | User | Secondary actors | - |
| Description | On the account page, it will be ‘Logout’ button. | | |
| Trigger | A user wants to logout from his account. | | |
| Preconditions | PRE-1: User must be successfully connected in his account. | | |
| Postconditions | POST-1: User be logged out | | |
| Normal flow | **Update password:**   1. User presses ‘Logout’ button.   1’. System will logout the user (redirect to login page). | | |
| Alternative flows | - | | |
| Exceptions | **-** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | VR-1: View reservations | | |
| Primary actor | User | Secondary actors | - |
| Description | On the main app page, the user will see all reserved seats by him. | | |
| Trigger | A user connects in his account. | | |
| Preconditions | PRE-1: User must be connected in his account. | | |
| Postconditions | - | | |
| Normal flow | **View reservations:**  1’. System displays the reserved seats by the connected client. | | |
| Alternative flows | - | | |
| Exceptions | **-** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | DS-1: Delete reserved seats | | |
| Primary actor | User | Secondary actors | - |
| Description | On the main app page, the user will see all reserved seats by him. He will select the seats for which he wants to undo the reservation and then he will press on ‘Delete reservations’. | | |
| Trigger | A user wants to delete some reservations. | | |
| Preconditions | PRE-1: User must be connected in his account. | | |
| Postconditions | POST-1: Client’s reservation list will be modified.  POST-2: Deleted seats will be displayed with green color for all clients. | | |
| Normal flow | **Delete reserved seats:**   1. Client selects the wanted seats to be deleted and then press on the button.   1’. The system will delete the reservations selected and it will update the seat configuration. | | |
| Alternative flows | - | | |
| Exceptions | **E1. The client doesn’t select any reserved seats by him.**  System will display an error message. | | |