|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | **UC-1: Add a show** | | |
| Primary actor | System Operator | Secondary actors | - |
| Description | The system operator accesses the system and introduces a show: name, date, hours, number of seats and ticket price. | | |
| Trigger | System operator asks to add a show | | |
| Preconditions | PRE-1: The operator logs in the app | | |
| Postconditions | POST-1: The show is stored in the system  POST-2: Show schedule is updated to reflect the change | | |
| Normal flow | 1. Adding a show 2. Operator asks to add a show 3. Operator selects the date when the show will take place 4. Operator fills out the name of the show, the number of seats and the ticket price 5. Operator selects the hours at which the show starts 6. Operator either confirms the show information (continue normal flow) or requests to modify (return to step 2) 7. System stores the show, and updates theater schedule | | |
| Alternative flows | - | | |
| Exceptions | 1.0E1: **Selected date unavailable because is allocated to another show** (step 2)  1. System informs Operator that the date is unavailable  2a. If Operator cancels the operation, terminate use case  2b. Else if Operator selects another date, return to step 2 | | |

USE CASES

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | **UC-2: Cancel a show** | | |
| Primary actor | System Operator | Secondary actors | Theater’s System |
| Description | The operator accesses the system and selects the option to cancel a show. The system prints all the shows from the theater’s schedule. The operator can select a show and cancel it. System asks for confirmation and deletes the show. | | |
| Trigger | The system operator asks to cancel a show. | | |
| Preconditions | PRE-1: The operator logs in the app | | |
| Postconditions | POST-1: The show is removed from the system.  POST-2: The system updates the theater’s schedule. | | |
| Normal flow | 2.0 **Canceling a show**   1. Operator asks to cancel a show 2. System shows the list of shows in the schedule 3. Operator selects a show from the list 4. Operator asks to cancel the selected show (by pressing a button) 5. System asks for confirmation 6. Operator either confirms the show cancelation (continue normal flow) or cancels the operation (terminate use case) 7. System removes the show, updates the schedule | | |
| Alternative flows | - | | |
| Exceptions | - | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | **UC-3: Sign-up new user** | | |
| Primary actor | User | Secondary actors | - |
| Description | A new user asks to register into the system. After filling out personal info(name, email, username, password) the user is stored in the system. | | |
| Trigger | A new user asks to sign-up in the system | | |
| Preconditions | - | | |
| Postconditions | POST-1: The new user is stored in the system | | |
| Normal flow | **3.0 Registering a new user**   1. User asks to register 2. User fills out the personal information fields   (name, email, etc.)   1. User choses a password 2. User confirms the password by re-writing it 3. User submits the information 4. User is stored in the system | | |
| Alternative flows | - | | |
| Exceptions | 3.0E1. *Account already exists for given email*  1. System informs the user that an account with the given email already exists  2a. User choses to log-in/authenticate with the email  2b. User choses the “Forgot my password” option  2c. User terminates use case  3.0E2. *Incorrect password*  1. System informs user that the password from the confirmation field doesn’t match the given password  2. System clears the password fields  3. Return to step 3 of the normal flow | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | **UC-4: Visualize theater’s shows** | | |
| Primary actor | User | Secondary actors |  |
| Description | User asks to see the schedule of the theater | | |
| Trigger | User asks to see the schedule of the theater | | |
| Preconditions |  | | |
| Postconditions |  | | |
| Normal flow |  | | |
| Alternative flows |  | | |
| Exceptions |  | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name |  | | |
| Primary actor |  | Secondary actors |  |
| Description |  | | |
| Trigger |  | | |
| Preconditions |  | | |
| Postconditions |  | | |
| Normal flow |  | | |
| Alternative flows |  | | |
| Exceptions |  | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name |  | | |
| Primary actor |  | Secondary actors |  |
| Description |  | | |
| Trigger |  | | |
| Preconditions |  | | |
| Postconditions |  | | |
| Normal flow |  | | |
| Alternative flows |  | | |
| Exceptions |  | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name |  | | |
| Primary actor |  | Secondary actors |  |
| Description |  | | |
| Trigger |  | | |
| Preconditions |  | | |
| Postconditions |  | | |
| Normal flow |  | | |
| Alternative flows |  | | |
| Exceptions |  | | |