## **Use cases**

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| ID and name | ID: client\_view; Name: Client View | | |
| Primary actor | Client | Secondary actors |  |
| Description | A client can see all available/unavailable/selected seats from a theatre room. Upon clicking on a seat he can see the seat price and the total price for the seats selected on the left. | | |
| Trigger | Display is always shown | | |
| Preconditions | - | | |
| Postconditions | POST-1: The price of the seat that is hovered on is displayed | | |
| Normal flow | 1. A client walks up to the System and views the seats 2. Client hovers over the Seats display 3. SRS displays the price for the seat over which the client is hovering | | |
| Alternative flows |  | | |
| Exceptions |  | | |

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| --- | --- | --- | --- |
| ID and name | ID: select\_seats; Name: Select seats | | |
| Primary actor | Client | Secondary actors |  |
| Description | The client can select as many seats as he wants and the total price is displayed | | |
| Trigger | Client views the display | | |
| Preconditions | - | | |
| Postconditions | POST-1: Seats are selected  POST-2: Total price is displayed  POST-3: Button is pressed and Client is taken to Credit card information window | | |
| Normal flow | 1. Client clicks on a seat(1.0) 2. Total price of selected seats is displayed 3. Client clicks on the Continue reservation button(1.0 E1) | | |
| Alternative flows | * 1. Client clicks on one more seat  1. Return to 1    1. Client opts to clear selection | | |
| Exceptions | * 1. (E1) No seats are selected  1. SRS returns to step 1 of view\_seats | | |

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| --- | --- | --- | --- |
| ID and name | ID: transaction\_view; Name: Add personal information | | |
| Primary actor | Client | Secondary actors |  |
| Description | Client enters name, delivery information and card details. | | |
| Trigger | Continue reservation button has been pressed | | |
| Preconditions | Seats were selected | | |
| Postconditions | POST-1: Information goes through validation process | | |
| Normal flow | 1. Client enters information(1.0 E1) | | |
| Alternative flows |  | | |
| Exceptions | 1. (E1) Mandatory field(s) remain(s) empty 2. Return to step 1    1. (E2) Fields fail validation    2. Return to step 1 | | |

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| --- | --- | --- | --- |
| ID and name | ID: validate\_info; Name: Validate personal information | | |
| Primary actor | Client | Secondary actors |  |
| Description | Card information is sent to a bank server for validation | | |
| Trigger | Continue button has been pressed | | |
| Preconditions | The client has chosen at least 1 seat | | |
| Postconditions | POST-1: User is sent to confirmed screen  POST-2: Information is updated in all user screens  POST-3: New information is saved | | |
| Normal flow | 1. Information is sent to a bank server for checking(1.0E1, 1.1E2) 2. User is sent to confirmed screen 3. User is sent to View Seats | | |
| Alternative flows |  | | |
| Exceptions | * 1. (E1)Error wrong card info  1. Return to Add personal Information    1. (E2)Bank server fail 2. Return to Add personal Information | | |

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| --- | --- | --- | --- |
| ID and name | ID: add\_seat; Name: Add seat | | |
| Primary actor | Admin | Secondary actors |  |
| Description | Admin chooses to make a new seat available | | |
| Trigger | Admin clicks Add seat button | | |
| Preconditions |  | | |
| Postconditions | POST-1: All user screens are updated with the new information  POST-2: SRS is updated with the new information | | |
| Normal flow | 1. Admin enters the seat info necessary for adding a new one 2. SRS validates info(1.0 E1) 3. SRS updates itself and all user interfaces | | |
| Alternative flows |  | | |
| Exceptions | * 1. (E1) Lacking necessary information, or invalid information added  1. Return to step 1 | | |

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| --- | --- | --- | --- |
| ID and name | ID: update\_seat; Name: Add seat | | |
| Primary actor | Admin | Secondary actors |  |
| Description | Admin chooses to update seat information | | |
| Trigger | Admin clicks Update seat button | | |
| Preconditions |  | | |
| Postconditions | POST-1: All user screens are updated with the new information  POST-2: SRS is updated with the new information | | |
| Normal flow | 1. Admin enters the seat info necessary for update 2. SRS validates info(1.0 E1) 3. SRS updates itself and all user interfaces | | |
| Alternative flows |  | | |
| Exceptions | * 1. (E1) Lacking necessary information, or invalid information added  1. Return to step 1 | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | ID: delete\_seat; Name: Add seat | | |
| Primary actor | Admin | Secondary actors |  |
| Description | Admin chooses to delete seat information | | |
| Trigger | Admin clicks Delete seat button | | |
| Preconditions |  | | |
| Postconditions | POST-1: All user screens are updated with the modified info  POST-2: SRS is updated with the modified info | | |
| Normal flow | 1. Admin selects a seat 2. Admin clicks on Delete seat button(1.0. E1) 3. SRS updates info for all users | | |
| Alternative flows |  | | |
| Exceptions | * 1. (E1) No seats selected/no price added  1. Return to step 1 | | |