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ICS 372

Class Project 1 Iteration 1

**Remove Client:** Remove a client with the given id. If a show is scheduled for the current or a future date for this client, the client cannot be removed.

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| **Actions performed by the actor** | **Responses from the system** |
| 1. Admin identifies the client to be deleted |  |
| 2. The clerk issues a request to delete a client from the system |  |
|  | 3. The system asks for the client ID |
| 4. The clerk enters the ID for the client |  |
|  | 5. If the ID is valid and no shows are scheduled currently or in the future for the given client, the system marks the client as no longer in the client list. The system informs the clerk about the success of the deletion operation. It then asks if the clerk wants to delete another client. |
| 6. The clerk answers either yes or no. |  |
|  | 7. If the answer is yes, the system returns to Step 3. Otherwise, it exits. |

**Add a Credit Card:** The system accepts the customer id, credit card number, and expiration date and remembers that the credit card belongs to this customer.

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| **Actions performed by the actor** | **Responses from the system** |
| 1. The clerk issues a request to add a credit card to the system |  |
|  | 2. The system asks for the customer ID, credit card number, and expiration date. |
| 3. The clerk enters a customer ID and then enters the credit card number and expiration date. |  |
|  | 4. If the ID and credit card number with expiration date are valid, the credit card is added to the customer’s account. The system informs the clerk about the success of the operation. It then asks if the clerk wants to enter information about another credit card. |
| 5. The clerk answers either yes or no. |  |
|  | 6. If the answer is yes, the system returns to Step 2. Otherwise, it exits. |
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**List all Shows**: List the names and dates of all shows.

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| **Actions performed by the actor** | **Responses from the system** |
| 1. The clerk issues a request to retrieve the names and dates of all shows. |  |
|  | 2. The system asks for the range of dates to be queried. |
| 3. The clerk enters a range of dates. |  |
|  | 4. If the date range is valid, the system retrieves all shows within that range. It then asks if the clerk wants to retrieve another list of shows. |
| 5. The clerk answers either yes or no. |  |
|  | 6. If the answer is yes, the system returns to Step 2. Otherwise, it exits. |
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