**UML Diagram – Table description of classes**

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# User Class

|  |  |
| --- | --- |
| **Name** | **Description** |
| username | Username of the currently active user. |
| userAccountType | Account type of the currently active user. |
| availableCredit | Available credit of the currently active user. |
| User() | Creates an object of the class for user functions. |
| stringRepresentation() | Creates a string that will be added to User Accounts File. |
| getAvailableCredit() | Retrieves the currently active user’s available credit. |
| updateAvailableCredit() | Updates the currently active user’s available credit. |
| createUser() | Checks if active user is Admin and proceeds with new user creation. |
| deleteUser() | Checks if active user is Admin and proceeds with deletion of existing a user. |
| sellTickets() | Checks if active user is not buy standard and proceeds with actions for selling tickets. |
| buyTickets() | Checks if active user is not sell standard and proceeds with actions for purchasing tickets. |
| refund() | Checks if active user is Admin and proceeds with transferring credits from seller to buyer. |
| addCreditStandardMode() | Checks if active user is not an Admin and requests system for extra credit. |
| addCreditAdminMode() | Checks if active user is Admin and prompts the admin information about user to receive credit. |

# Event Class

|  |  |
| --- | --- |
| **Name** | **Description** |
| eventName | Name of the Event the ticket is for |
| hostname | Name of the seller of the tickets |
| ticketsAvailable | Amount of available tickets for sale for this event. |
| Event() | Creates an object of the Event class, for Event. |

# Daily Transaction Data Class

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| --- | --- |
| **Name** | **Description** |
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# Login Interface Class

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| **Name** | **Description** |
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# Main Interface Class

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| **Name** | **Description** |
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