|  |  |  |
| --- | --- | --- |
| Front | | |
| Class Name: Film | ID: 1124 | Type: Non-abstract |
| Operation: Create\_Film(), Edit\_Film(), Delete\_Film(), Update\_Score() | | Associated Use cases:  2,3 |
| Collaborations:  Server: Cinema, Ticket, Comment  Client: ------- | | |

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| --- |
| Back |
| Attributes:  Film\_image, Name, Release\_Date, Director,  Cast, Film\_Score, Film\_Description |
| Relations:  Composition, Association, Composition, Composition |

|  |  |  |
| --- | --- | --- |
| Front | | |
| Class Name: Cinema | ID: 1125 | Type: Non-abstract |
| Operation: Create\_Cinema(), Edit\_Cinema(), Delete\_Cinema() | | Associated Use cases:  3 |
| Collaborations:  Server: Ticket, Admin  Client: Film | | |

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| --- |
| Back |
| Attributes:  Cinema\_name, ShowTime,  Address, Cinema\_Description |
| Relations:  Composition, Association, Composition |

|  |  |  |
| --- | --- | --- |
| Front | | |
| Class Name: Ticket | ID: 1653 | Type: Non-abstract |
| Operation: Create\_Ticket() | | Associated Use cases:  2 |
| Collaborations:  Server: User  Client: Film, Cinema, | | |

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| --- |
| Back |
| Attributes:  User\_name, Movie\_name, Cinema\_name,  Cinema\_showTime, Barcode\_image |
| Relations:  Composition, Composition, Association |

|  |  |  |
| --- | --- | --- |
| Front | | |
| Class Name: Comment | ID: 1176 | Type: Non-abstract |
| Operation: Create\_Comment() | | Associated Use cases:  2 |
| Collaborations:  Server: User  Client: ------ | | |

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| --- |
| Back |
| Attributes:  User\_ID, User\_name, Description, Time |
| Relations:  Association |

|  |  |  |
| --- | --- | --- |
| Front | | |
| Class Name: User | ID: 1543 | Type: Non-abstract |
| Operation: Sign\_in(), Sign\_up(), | | Associated Use cases:  1,2 |
| Collaborations:  Server: ------  Client: Comment, Ticket | | |

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| --- |
| Back |
| Attributes:  User\_email, UserName, User\_Password |
| Relations:  Composition, Composition |

|  |  |  |
| --- | --- | --- |
| Front | | |
| Class Name: Admin | ID: 1356 | Type: Non-abstract |
| Operation: Sign\_in() | | Associated Use cases:  1,3 |
| Collaborations:  Server: ------  Client: Film, Cinema | | |

|  |
| --- |
| Back |
| Attributes:  User\_email, UserName, User\_Password |
| Relations:  Composition, Composition |