Table Design and Data Flow Diagram

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Project Name: MovieHunter

Table Design

1. Table Name: tbl\_UserLogin

Primary Key: LoginId

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Login\_Id | Int(40) | Primary key |
| 1 | User\_Name | Varchar(30) | Username |
| 2 | Password | Varchar(30) | Password |
| 3 | User\_Type | Int(2) | User type |
| 5 | Status | Int(2) | Status |

1. Table Name: tbl\_Users

Primary Key: User\_Id

Foreign Key: Username from tbl\_UserLogin

District\_Id from tbl\_District

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field name** | **Data type** | **Description** |
| **1** | Login\_Id | Varchar(30) | Userid |
| **2** | User\_Id | Int(40)Varchar(30) | Foreignkey |
| **3** | Fname | Varchar(30) | First name |
| **4** | Lname | Varchar(30) | Last name |
| **5** | District\_Id | Varchar(30) | District |
| **6** | Place | Varchar(30) | Place |
| **7** | Phone | Varchar(50) | Phone number |
| **8** | Email | Varchar(50) | Email |
| **9** | Profile\_Pic | Varchar(30) | Path of the profile pic |
| **10** | Status | Int(2) | Status |
| **11** | Type | Int(5) | type |

3. Table Name: tbl\_Theater

Primary Key: Theater\_Id

Foreign Key: LoginId from tbl\_ UserLogin

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Theater\_Id | Int(40) | Primary Key |
| 2 | Login\_Id | Int(255) | Foreign Key |
| 3 | Place\_Id | Varchar(50) | Foreign Key |
| 4 | Th\_Name | Varchar(50) | Name |
| 6 | Th\_Ph1 | Varchar(30) | Phone number |
| 7 | Th\_Ph2 | Varchar(50) | Phone number |
| 8 | Th\_Email | Varchar(50) | Email |
| 9 | Profile\_Pic | Varchar(50) | Profile picture |
| 10 | Status | Int(2) | Status |

4.Table Name: tbl\_Trailers

Primary Key: Tr\_Id

Foreign Key: User\_Id from tbl\_Users

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Tr\_Id | Int(60) | Trailer id |
| 2 | User\_Id | Int(40) | Foreign Key |
| 3 | Mov\_Name | Varchar(30) | Movie name |
| 4 | Tr\_Video | Varchar(200) | Path of video |
| 5 | Mov\_Pic | Varchar(60) | Path of the poster of movie |
| 6 | Th\_Seats | Int(10) | Total seats in the theater |
| 7 | Status | Int(5) | Status |
| 8 | Admin | Int(5) | Admin approve |

5. Table Name: tbl\_Casts

Primary Key: Tr\_Cast\_Id

Foreign Key: Tr\_Id from tbl\_Theaters

Act\_Id from tbl\_Actors

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Tr\_Cast\_Id | Int(255) | Priary Key |
| 2 | Tr\_Id | Int(255) | Foreign Key |
| 3 | Act\_Id | Int(255) | Actor Id |

6. Table Name: tbl\_Actors

Primary Key: Act\_Id

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Act\_Id | Int(255) | Place id |
| 2 | Act\_Name | Varchar(50) | District name |

7. Table Name: tbl\_Districts

Primary Key: Dist\_Id

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Dist\_Id | Int(255) | Place id |
| 2 | Dist\_Name | Varchar(50) | District name |

8. Table Name: tbl\_Places

Primary Key: Place\_Id

Foreign Key: Dist\_Id from tbl\_Districts

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Place\_Id | Int(255) | Place id |
| 2 | Dist\_Id | Int(255) | District id |
| 3 | Place\_Name | Varchar(30) | Place name |

9. Table Name: tbl\_Reviews

Primary Key: Review\_Id

Foreign Key: Tr\_Id from tbl\_Trailers

User\_Id from tbl\_Users

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | R\_Id | Int(255) | Review id |
| 2 | Tr\_Id | Int(60) | Trailer id |
| 3 | User\_Id | Int(40) | User id |
| 4 | R\_Data | Varchar(700) | Data |
| 5 | Status | Int(5) | Status |
| 6 | Admin | Int(5) | Admin aproove |

10. Table Name: tbl\_Shows

Primary Key: Show\_Id

Foreign Key: Tr\_Id from tbl\_Trailers

Th\_id from tbl\_Theater

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Show\_Id | Int(10) | Show id |
| 2 | Th\_Id | Int(10) | Theater id |
| 3 | Tr\_Id | Int(10) | Trailer id |
| 4 | Sh\_Time | Int(10) | Show time |
| 5 | Open\_Date | varchar(10) | Open date |
| 6 | Close\_Date | varchar(10) | Close date |
| 7 | Seat\_Cost | Int(25) | Cost of seat |
| 8 | Status | Int(10) | status |

11. Table Name: tbl\_ShowDates

Primary Key: Date\_Id

Foreign Key: Show\_Id from tbl\_Shows

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | description |
| 1 | Date\_Id | Int(255) | Primry Key |
| 2 | Show \_Id | Int(255) | Show id |
| 3 | Cdate | Varchar(40) | Calender date |
| 4 | Tot\_Seats | Int(255) | Total number of seats |
| 5 | Booked\_Seats | Int(255) | Booked seats |

12. Table Name: tbl\_Booking

Primary Key: Book\_Id

Foreign Key: Login\_Id from tbl\_Userlogin

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Book\_Id | Int(255) | Book id |
| 2 | Login\_Id | Varchar(30) | Username |
| 3 | Show\_Id | Int(255) | Show id |
| 4 | Book\_Date | Varchar(30) | Booked date |
| 5 | Total\_Cost | Int(255) | Total cost |

Show\_Id from tbl\_Shows

13. Table Name: tbl\_BookedSeats

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Bk\_Seat\_id | Int(255) | Primary Key |
| 2 | Book\_Id | Int(255) | Booking id |
| 3 | Seat\_Id | Int(255) | Seat number |

Foreign Key: book\_id from booking

14. Table Name: tbl\_Cart

Primary Key: Seat\_No

Foreign Key: Login\_Id

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Seat\_no | Int(255) | Seat Number |
| 2 | Login\_Id | Int(255) | Foreign Key |

15. Table Name: tbl\_ThPredict

Primary Key: Pred\_Id

Foreign Key: Login\_Id from tbl\_UserLogin

Th\_Id from tbl\_Theaters

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Pred\_Id | Int(255) | Primary Key |
| 2 | Login\_Id | Int(255) | Foreign Key |
| 3 | Th\_Id | Int(255) | Foreign Key |

16. Table Name: tbl\_ActorPredict

Primary Key: Act\_Pred\_Id

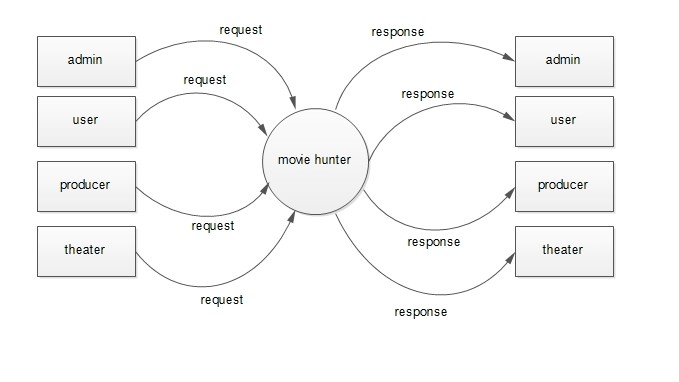
Foreign Key: Login\_Id from tbl\_UserLogin

Act\_Id from tbl\_Actors

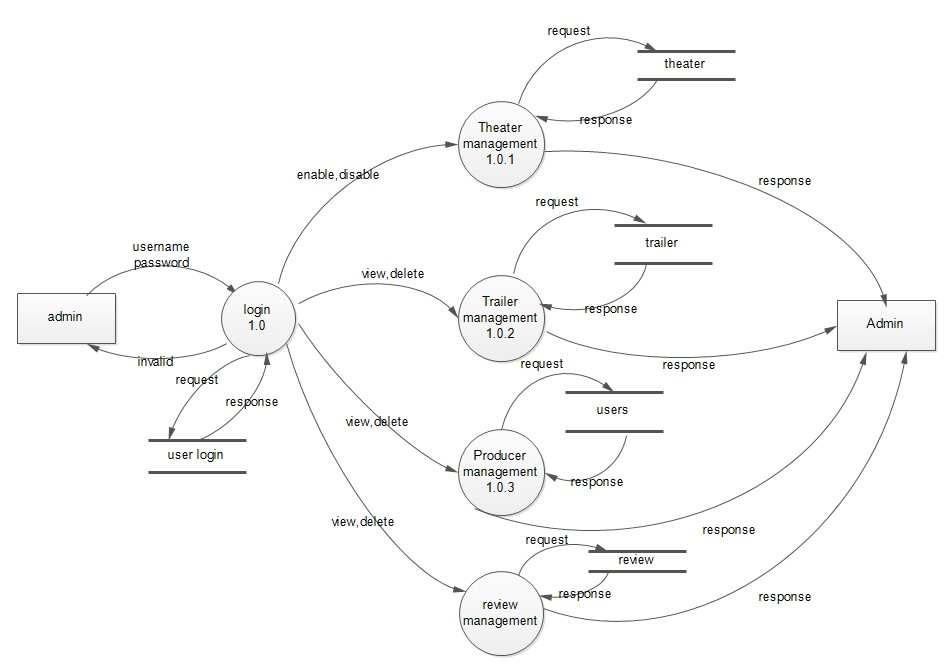
|  |  |  |  |
| --- | --- | --- | --- |
| No | Field name | Data type | Description |
| 1 | Act\_Pred\_Id | Int(255) | Primary Key |
| 2 | Login\_Id | Int(255) | Foreign Key |
| 3 | Act\_Id | Int(255) | Foreign Key |

Data Flow Diagram

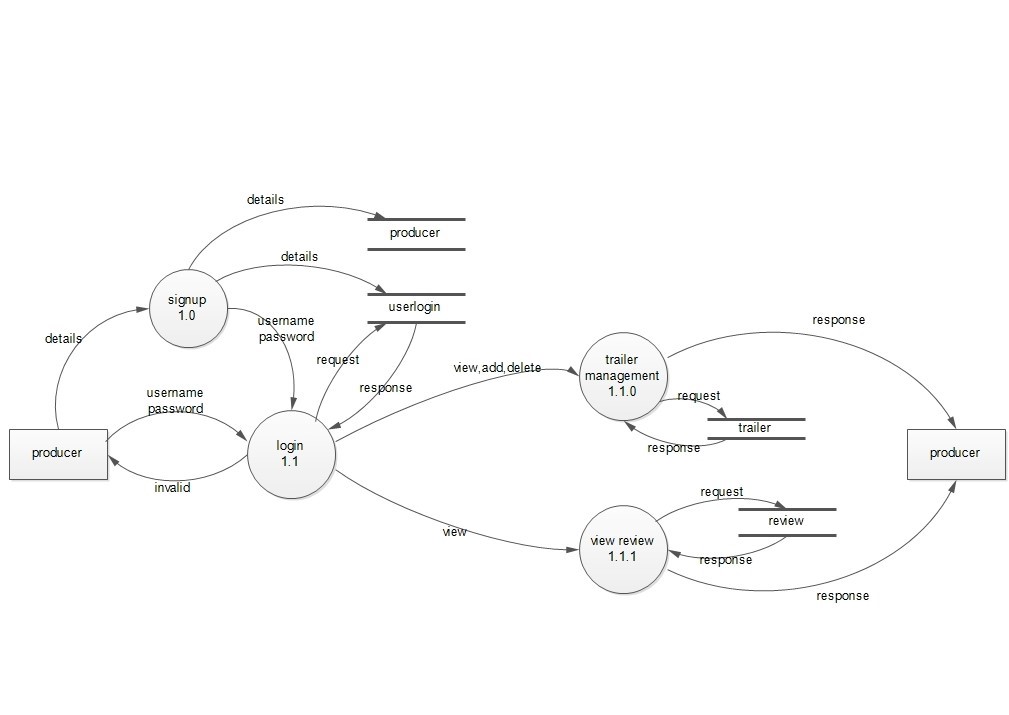
Level - 0 Diagram for MovieHunter



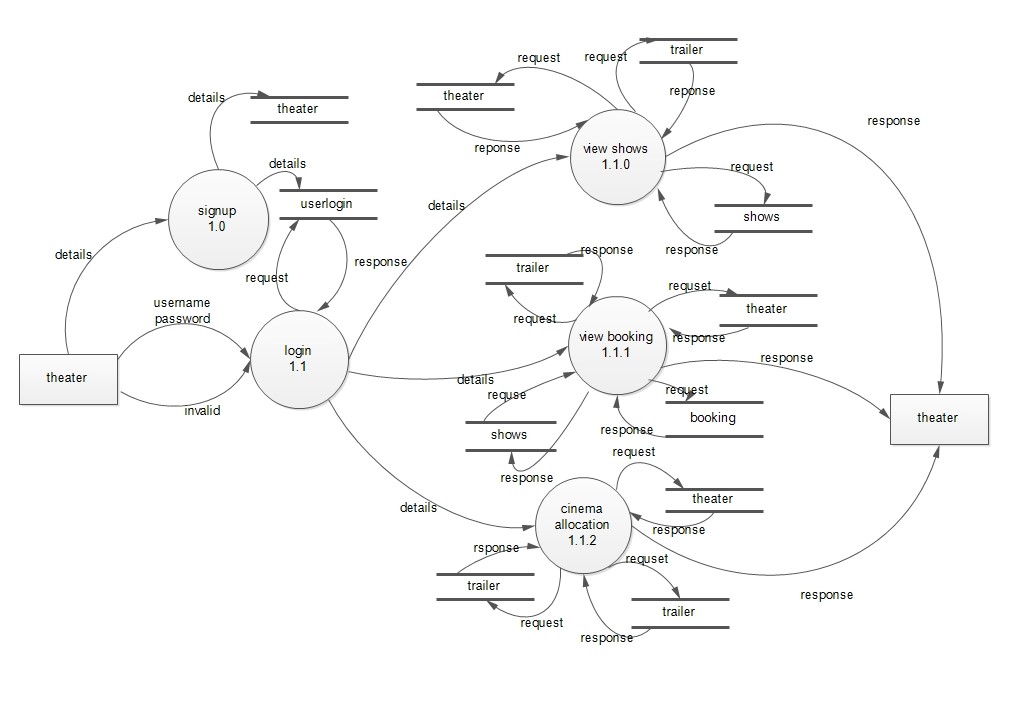
Level – 1 Diagram for MovieHunter – Admin



Level – 1 Diagram for MovieHunter – Producer



Level – 1 Diagram for MovieHunter – Theater



Level – 1 Diagram for MovieHunter – Users

