|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| id\_theater | theater\_name | theater\_location | screens\_no | id\_movie | movie\_name | movie\_duration | movie\_type | movie\_genre | movie\_clasification | id\_slot | start\_time | end\_time | price\_charged | attendance | id\_schedule | week\_day | id\_screen | seats\_no | screen\_category | id\_seat | seat\_position | id\_ticket | id\_seat | id\_slot | id\_screen | price | movie\_date | purchase\_date | purchase\_time |

Dependencias Funcionales

* FD1 {id\_theater} -> {theater\_name, theater\_location, screens\_no}
* FD2 {id\_screen} -> {seats\_no, screen\_category}
* FD3 {id\_schedule} - > {id\_screen, id\_slot, week\_day}
* FD4 {id\_seat} -> {id\_screen, seat\_position}
* FD5{id\_slot} -> {id\_movie, start\_time, end\_time, price\_charged, attendance}
* FD5 {id\_movie} -> {movie\_name, movie\_duration, movie\_type, movie\_genre, movie\_clasification}
* FD6 {id\_ticket} -> {id\_seat, id\_slot, id\_screen, price, movie\_date, purchase\_date, purchase\_time}

Relaciones

|  |  |  |  |
| --- | --- | --- | --- |
| id\_theater | theater\_name | theater\_location | screens\_no |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| id\_movie | movie\_name | movie\_duration | movie\_type | movie\_genre | movie\_clasification |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| id\_slot | id\_movie | start\_time | end\_time | price\_charged | attendance |

|  |  |  |  |
| --- | --- | --- | --- |
| id\_schedule | id\_screen | id\_slot | week\_day |

|  |  |  |
| --- | --- | --- |
| id\_screen | seats\_no | screen\_category |

|  |  |  |
| --- | --- | --- |
| id\_seat | id\_screen | seat\_position |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| id\_ticket | id\_seat | id\_slot | id\_screen | price | movie\_date | purchase\_date | purchase\_time |

**Theater**

**3NF**

|  |  |  |  |
| --- | --- | --- | --- |
| id\_theater | theater\_name | theater\_location | screens\_no |

FD {id\_theater} -> {theater\_name, theater\_location, screens\_no}

**Screen**

**3NF**

|  |  |  |
| --- | --- | --- |
| id\_screen | seats\_no | screen\_category |

FD {id\_schedule} - > {id\_screen, id\_slot, week\_day}

**Seat**

**1NF**

|  |  |  |
| --- | --- | --- |
| id\_seat | id\_screen | seat\_position |

FD {id\_seat} -> {id\_screen, seat\_position}

**2NF**

|  |  |
| --- | --- |
| id\_seat | id\_screen |

FD {id\_seat} -> {id\_screen}

|  |  |
| --- | --- |
| id\_screen | seat\_position |

FD {id\_screen} -> {id\_screen}

**3NF**

|  |  |
| --- | --- |
| id\_seat | id\_screen |

FD {id\_seat} -> {id\_screen}

|  |  |
| --- | --- |
| id\_seat | seat\_position |

FD {id\_seat} -> {id\_screen}

**weekly\_schedule**

**3NF**

|  |  |  |  |
| --- | --- | --- | --- |
| id\_schedule | id\_screen | id\_slot | week\_day |

FD {id\_schedule} - > {id\_screen, id\_slot, week\_day}

**time\_slot**

**1NF**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| id\_slot | id\_movie | start\_time | end\_time | price\_charged | attendance |

FD {id\_slot} -> {id\_movie, start\_time, end\_time, price\_charged, attendance}

**2NF**

|  |  |
| --- | --- |
| Id\_movie | id\_slot |

FD {id\_slot} -> {id\_movie}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| id\_slot | start\_time | end\_time | price\_charged | attendance |

FD {id\_slot} -> {start\_time, end\_time, price\_charged, attendance}

**Movie**

**3NF**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| id\_movie | movie\_name | movie\_duration | movie\_type | movie\_genre | movie\_clasification |

FD {id\_movie} -> {movie\_name, movie\_duration, movie\_type, movie\_genre, movie\_clasification}

**ticket**

**3NF**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| id\_ticket | id\_seat | id\_slot | id\_screen | price | movie\_date | purchase\_date | purchase\_time |

FD {id\_ticket} -> {id\_seat, id\_slot, id\_screen, price, movie\_date, purchase\_date, purchase\_time}