

# Database Description

## Database Tables

- customer(oid, name)
- administrator(oid, name)
- film(oid, poster, name, duration, director, protagonist, releaseTime, info)
- seat(oid, row, column, isEmpty, *screen\_id*)
- screen(oid, type)
- timeTable(oid, startTime, ticketPrice, *screen\_id*, *film\_id*)
- order(oid, orderDate, startTime, filmName, seatRow, seatColumn, screenType, screenId, filmDuration, *customer\_id*)

## Customer

1. oid – integer – primary key
2. name – varchar(32) – not null

## administrator

1. oid – integer – primary key
2. name – varchar(32) – not null

## Film

1. oid – integer – primary key
2. poster– blob – not null
3. name– varchar(32) – not null
4. duration– varchar(32) – not null
5. protagonist – varchar(32) – not null
6. releaseTime – date – not null
7. info – varchar(256) – not null

## Seat

1. oid – integer – primary key
2. row– integer – not null
3. column– integer – not null
4. isEmpty– boolean – not null
5. screen\_id – integer – not null

## Screen

1. oid – integer – primary key
2. type– string – not null

## TimeTable

1. oid – integer – primary key
2. startTime– date – not null
3. ticketPrice– integer – not null
4. screen\_id– integer– not null
5. film\_id – integer – not null

## Order

1. oid – integer – primary key
2. orderDate– date – not null
3. startTime– date – not null
4. filmName– varchar(32) – not null
5. seatRow – integer – not null
6. seatColumn – integer not null
7. screenType – varchar(32) – not null
8. screenId – integer – not null
9. filmDuration – varchar(32) – not null
10. customer\_id – integer – not null