THEATRE DATABASE MANAGEMENT SYSTEM:

PRESENTED TO MA'AM BUSHRA SHABBIR

Project Participants:

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PROJECT OVERVIEW:

Visiting film is one of the most well-known out-of-home social exercises, influencing social, monetary, and social peculiarities in present-day cultures. Films are viewed as a vital part of urban areas. They contribute to the preservation of the collective memory, major means of mass communication, popular media means for inforation and entertainment.
Cinema management system is vital to ensure the smooth regularity of ticket booking in Cinema business. Without proper booking system, managing and supervision a cinema shall face severe operational hindrances.
Through this project, the system will serve functionality to check bookings, movie records, screening availability. Also serve the functionality to keep records of the employee payroll and other employee related record. The accounts tracking functionality would serve as a feature to track and keep the total expenses, net income, profit margins and revenues.
Adding another functionality would be keeping records of the customers and allow admin to have records of overall system for managing reports.

This system would be specially designed for our customers' easy accessibility through e-tickets/bookings. This visual approach will make selling, refunding fast and easy for both ends.

PROBLEM STATEMENT

After analyzing the current system of our theatre, which isn't an automated system and is a traditional file management system we have observed that, it is actually quite challenging to maintain the record of movies, sales of tickets and food items and most importantly, daily revenue generation. Manual entries of data from the staff leads to:

- Data duplication
- Error generation
- More time consumption

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- Hard to manipulate data
- Tickets being sold in black is also a major drawback as it's hard to keep record of tickets in traditional management system that result in loss of company.

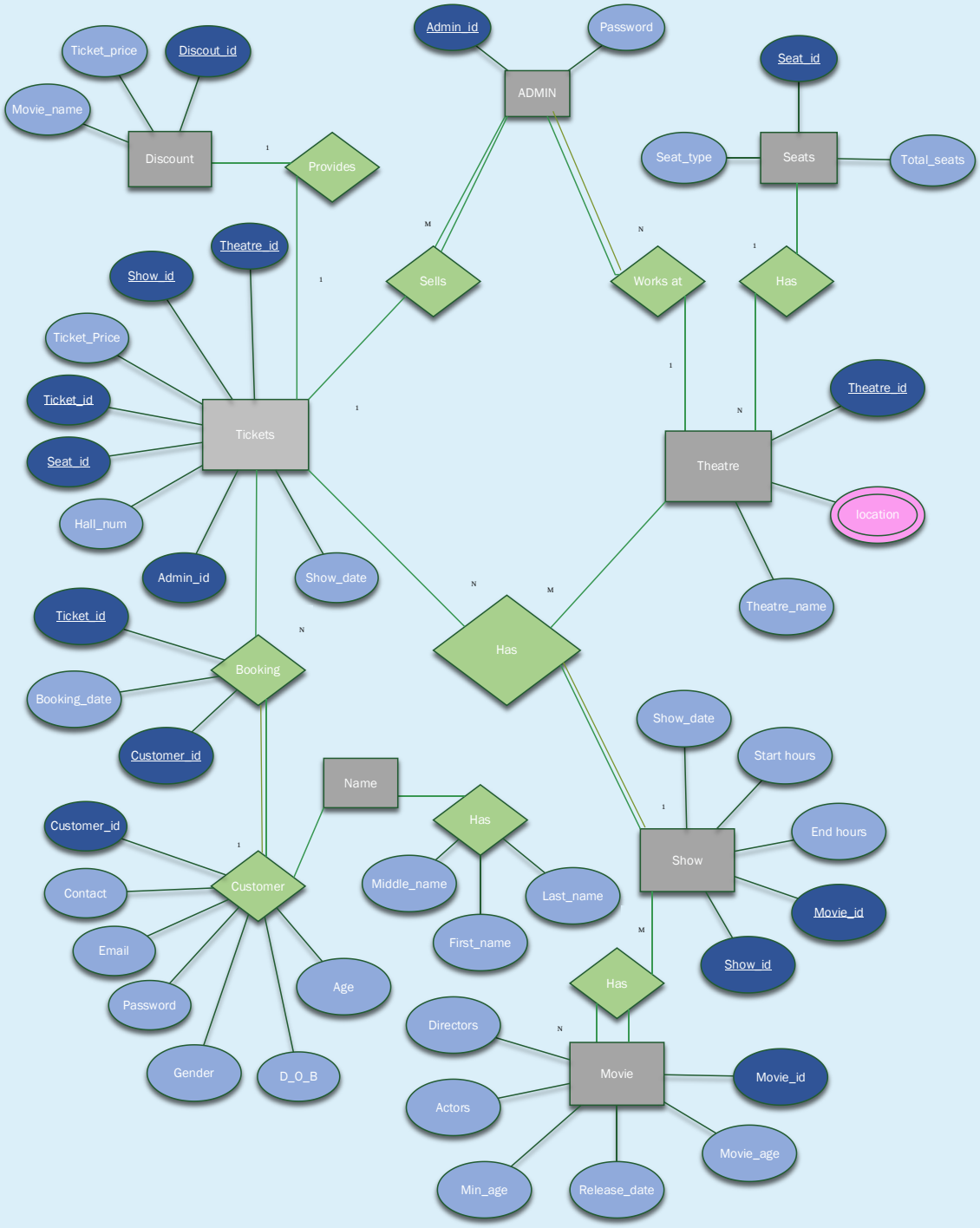
OBJECTIVES:

- To create an efficient database, which will help both users and the staff for smooth working of theatre.
- Creating a user-friendly database that will be easier to understand making it beneficial for everyone.
- Creating a system for administration staff, to easily manipulate data.
- Having an automated system will help in keeping track of sales.
- Increasing the accuracy of to supply minimum errors i.e., calculations.
- Time saving is the main point kept in mind as in file system ample time to update data or add new record to the data.
- Data flexibility will be there to easily keep system up to date with changes that will be needed with the passage of time.
- Making it reliable system to cope up with the challenging situations.
- To make a system that will help our theatre to gain customer satisfaction that will eventually help in reliability increment.

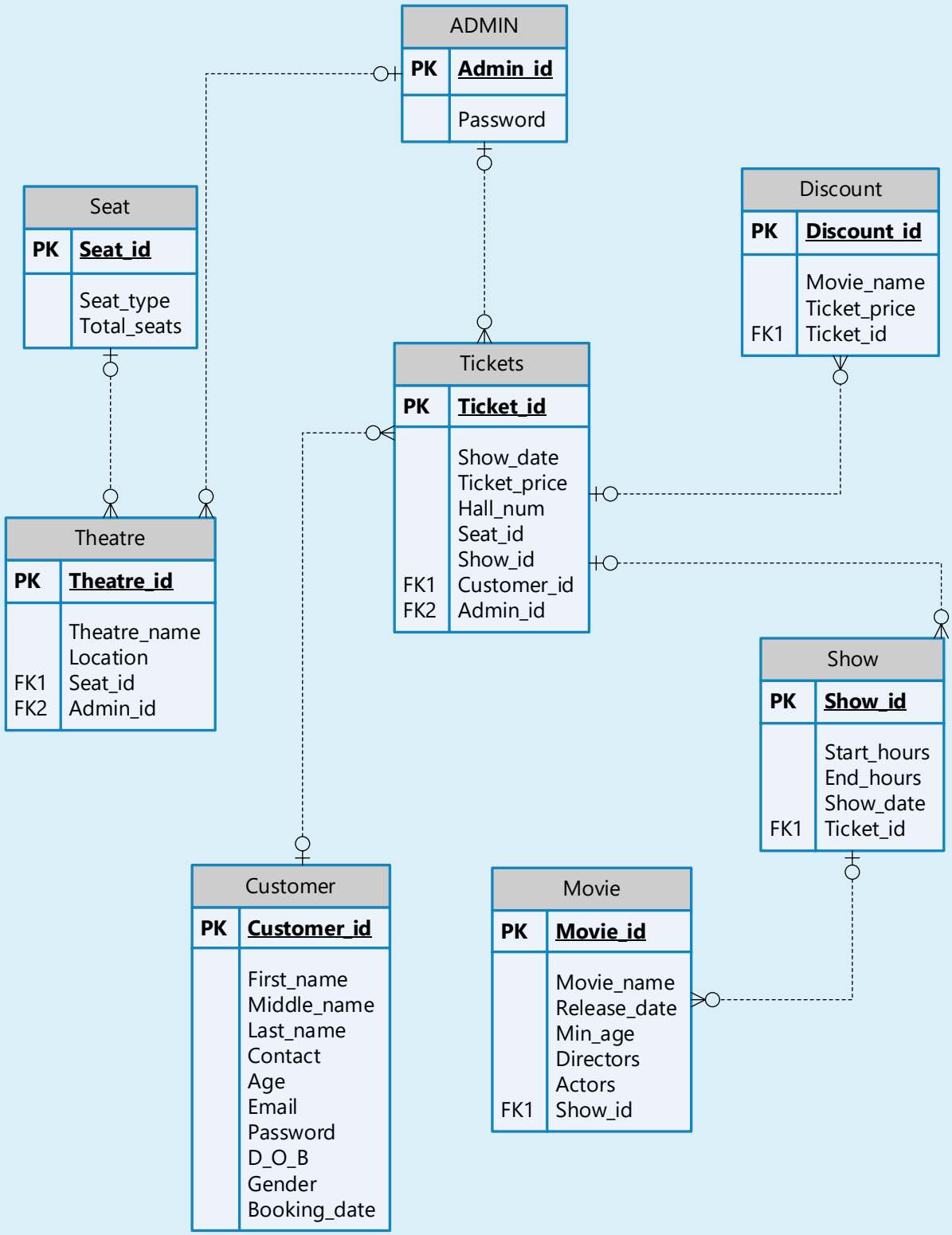
SCOPE

- Storing and retrieving data and Information about movies will be the main aim of the Cinema Database Management System.
- Staff will use it to enter new records of the movies, to remove old stuff and update/ manipulate the Information according to the need.

ENTITY RELATIONSHIP DIAGRAM (ERD):



RELATIONAL DATA MODEL DIAGRAM:



QUERIES:

TABLE CREATION:

```
CREATE TABLE Admin (
  Admin_id INT PRIMARY KEY,
  Password VARCHAR(255) NOT NULL
);
```

Column	Null?	Type
ADMIN_ID	NOT NULL	NUMBER
PASSWORD	NOT NULL	VARCHAR2(255)

```
CREATE TABLE Seat (
  Seat_id INT PRIMARY KEY,
  Seat_type VARCHAR(255) NOT NULL,
  Total_seats INT NOT NULL
);
```

Column	Null?	Type
SEAT_ID	NOT NULL	NUMBER
SEAT_TYPE	NOT NULL	VARCHAR2(255)
TOTAL_SEATS	NOT NULL	NUMBER

```
CREATE TABLE Theatre (
  Theatre_id INT PRIMARY KEY,
  Theatre_name VARCHAR(255) NOT NULL,
  Location VARCHAR(255) NOT NULL,
  Seat_id INT,
  Admin_id INT,
  FOREIGN KEY (Seat_id) REFERENCES Seat(Seat_id),
  FOREIGN KEY (Admin_id) REFERENCES Admin(Admin_id)
```

Column	Null?	Type
THEATRE_ID	NOT NULL	NUMBER
THEATRE_NAME	NOT NULL	VARCHAR2(255)
LOCATION	NOT NULL	VARCHAR2(255)
SEAT_ID	-	NUMBER
ADMIN_ID	-	NUMBER

```
CREATE TABLE Show (
  Show_id INT PRIMARY KEY,
  Start_hours Date NOT NULL,
  End_hours Date NOT NULL,
  Show_date DATE NOT NULL

CREATE TABLE Ticket (
  Ticket_id INT PRIMARY KEY,
  Show_date DATE NOT NULL,
  Ticket_price INT NOT NULL,
  Seat_id INT,
  Show_id INT,
  Customer_id INT,
  Admin_id INT,
);
CREATE TABLE Movie (
  Movie_id INT PRIMARY KEY,
  Movie_name VARCHAR(255) NOT NULL,
  Release_date DATE NOT NULL,
  Min_age INT NOT NULL,
  Directors VARCHAR(255) NOT NULL,
  Actors VARCHAR(255) NOT NULL,
  Show_id INT,
);
```

Column	Null?	Type
SHOW_ID	NOT NULL	NUMBER
START_HOURS	NOT NULL	DATE
END_HOURS	NOT NULL	DATE
SHOW_DATE	NOT NULL	DATE
TICKET_ID	-	NUMBER

Column	Null?	Type
TICKET_ID	NOT NULL	NUMBER
SHOW_DATE	NOT NULL	DATE
TICKET_PRICE	NOT NULL	NUMBER
SEAT_ID	-	NUMBER
SHOW_ID	-	NUMBER
CUSTOMER_ID	-	NUMBER
ADMIN_ID	-	NUMBER

Column	Null?	Type
MOVIE_ID	NOT NULL	NUMBER
MOVIE_NAME	NOT NULL	VARCHAR2(255)
RELEASE_DATE	NOT NULL	DATE
MIN_AGE	NOT NULL	NUMBER
DIRECTORS	NOT NULL	VARCHAR2(255)
ACTORS	NOT NULL	VARCHAR2(255)
SHOW_ID	-	NUMBER

```
CREATE TABLE Discount (
  Discount_id INT PRIMARY KEY,
  Movie_name VARCHAR(255) NOT NULL,
  Ticket_price INT NOT NULL,
  Ticket_id INT,
);
```

Column	Null?	Type
DISCOUNT_ID	NOT NULL	NUMBER
MOVIE_NAME	NOT NULL	VARCHAR2(255)
TICKET_PRICE	NOT NULL	NUMBER
TICKET_ID	-	NUMBER

```
CREATE TABLE Customer (
  Customer_id INT PRIMARY KEY,
  First_Name VARCHAR(255) NOT NULL,
  Middle_name VARCHAR(255) NOT NULL,
  Last_name VARCHAR(255) NOT NULL,
  Contact INT NOT NULL,
  Age INT NOT NULL,
  Email VARCHAR(255) NOT NULL,
  Password VARCHAR(255) NOT NULL,
  Date_of_birth DATE NOT NULL,
  Gender CHAR(1) NOT NULL,
  Booking_Date DATE NOT NULL
);
```

Column	Null?	Type
CUSTOMER_ID	NOT NULL	NUMBER
FIRST_NAME	NOT NULL	VARCHAR2(255)
MIDDLE_NAME	NOT NULL	VARCHAR2(255)
LAST_NAME	NOT NULL	VARCHAR2(255)
CONTACT	NOT NULL	NUMBER
AGE	NOT NULL	NUMBER
EMAIL	NOT NULL	VARCHAR2(255)
PASSWORD	NOT NULL	VARCHAR2(255)
DATE_OF_BIRTH	NOT NULL	DATE
GENDER	NOT NULL	CHAR(1)
BOOKING_DATE	NOT NULL	DATE

TABLE ALTERATION:

```
ALTER TABLE Show
Add Ticket_id INt
ADD FOREIGN KEY (Ticket_id) REFERENCES Ticket(Ticket_id);
ALTER TABLE show
DROP column Ticket_idn
```

DATA INSERTION:

```
INSERT INTO Seat (Seat_id, Seat_type, Total_seats)
VALUES (1, 'Standard', 20);
INSERT INTO Seat (Seat_id, Seat_type, Total_seats)
VALUES (2, 'Standard', 20);
INSERT INTO Seat (Seat_id, Seat_type, Total_seats)
VALUES (3, 'Comfort', 15);
INSERT INTO Seat (Seat_id, Seat_type, Total_seats)
VALUES (4, 'Comfort', 15);
INSERT INTO Seat (Seat_id, Seat_type, Total_seats)
VALUES (5, 'Standar', 20);

INSERT INTO Seat (Seat_id, Seat_type, Total_seats)
VALUES (6, 'Premium', 5);
INSERT INTO Seat (Seat_id, Seat_type, Total_seats)
VALUES (7, 'Premium', 5);
```

TABLE OF SEAT

SEAT_ID	SEAT_TYPE	TOTAL_SEATS
1	Standard	20
2	Standard	20
3	Comfort	15
4	Comfort	15
5	Standar	20
6	Premium	5
7	Premium	5

```
INSERT INTO Theatre (Theatre_id, Theatre_name, Location, Seat_id, Admin_id)
VALUES (1, 'Theatre 1', 'New York', 1, 1);
INSERT INTO Theatre (Theatre_id, Theatre_name, Location, Seat_id, Admin_id)
VALUES (2, 'Theatre 2', 'Texas', 2, 2);
INSERT INTO Theatre (Theatre_id, Theatre_name, Location, Seat_id, Admin_id)
VALUES (3, 'Theatre 3', 'Newyork', 3, 3);
INSERT INTO Theatre (Theatre_id, Theatre_name, Location, Seat_id, Admin_id)
VALUES (4, 'Theatre 1', 'Washington DC', 4, 4);
INSERT INTO Theatre (Theatre_id, Theatre_name, Location, Seat_id, Admin_id)
VALUES (5, 'Theatre 1', 'Texas', 5  , 5);
INSERT INTO Theatre (Theatre_id, Theatre_name, Location, Seat_id, Admin_id)
VALUES (6, 'Theatre 3', 'Washington Dc', 6, 7  );
INSERT INTO Theatre (Theatre_id, Theatre_name, Location, Seat_id, Admin_id)
VALUES (7, 'Theatre 3', 'Chicago', 7, 6  );
```

TABLE OF THEATRE

THEATRE_ID	THEATRE_NAME	LOCATION	SEAT_ID	ADMIN_ID
1	Theatre 1	New York	1	1
2	Theatre 2	Texas	2	2
3	Theatre 3	Newyork	3	3
4	Theatre 1	Washington DC	4	4
5	Theatre 1	Texas	5	5
6	Theatre 3	Washington Dc	6	7
7	Theatre 3	Chicago	7	6

```
INSERT INTO Show (Show_id, Start_hours, End_hours, Show_date)

VALUES (1, TO_date('01-JAN-2022','DD-MON-YYYY'),To_date('01-JAN-2022','DD-MON-YYYY'),TO_DATE('01-JAN-2022','DD-MON-YYYY'))


INSERT INTO Show (Show_id, Start_hours, End_hours, Show_date)

VALUES (2, TO_date('02-JAN-2022','DD-MON-YYYY'),To_date('02-JAN-2022','DD-MON-YYYY'),TO_DATE('02-JAN-2022','DD-MON-YYYY'))


INSERT INTO Show (Show_id, Start_hours, End_hours, Show_date)

VALUES (3, TO_date('01-JAN-2022','DD-MON-YYYY'),To_date('01-JAN-2022','DD-MON-YYYY'),TO_DATE('01-JAN-2022','DD-MON-YYYY'))

INSERT INTO Show (Show_id, Start_hours, End_hours, Show_date)

VALUES (4, TO_date('11-DEC-2000','DD-MON-YYYY'),To_date('11-DEC-2000','DD-MON-YYYY'),TO_DATE('11-DEC-2000','DD-MON-YYYY'))

INSERT INTO Show (Show_id, Start_hours, End_hours, Show_date)

VALUES (5, TO_date('1-JUL-2111','DD-MON-YYYY'),To_date('1-JUL-2111','DD-MON-YYYY'),TO_DATE('1-JUL-2111','DD-MON-YYYY'))
```

```
INSERT INTO Show (Show_id, Start_hours, End_hours, Show_date)

VALUES (6, TO_date('2-AUG-2005','DD-MON-YYYY'),To_date('2-AUG-2005','DD-MON-YYYY'),TO_DATE('2-AUG-2','DD-MON-YYYY'))

INSERT INTO Show (Show_id, Start_hours, End_hours, Show_date)

VALUES (7, TO_date('1-JAN-2000','DD-MON-YYYY'),To_date('1-JAN-2000','DD-MON-YYYY'),TO_DATE('1-JAN-2000','DD-MON-YYYY'))
```

TABLE OF SHOW

SHOW_ID	START_HOURS	END_HOURS	SHOW_DATE
1	01-JAN-22	01-JAN-22	01-JAN-22
7	01-JAN-00	01-JAN-00	01-JAN-00
5	01-JUL-11	01-JUL-11	01-JUL-11
4	11-DEC-00	11-DEC-00	11-DEC-00
2	02-JAN-22	02-JAN-22	02-JAN-22
3	01-JAN-22	01-JAN-22	01-JAN-22
6	02-AUG-05	02-AUG-05	02-AUG-02

```
INSERT INTO Ticket (Ticket_id, Show_date, Ticket_price, Seat_id) VALUES (1, to_date('01-DEC-2022','DD-MON-YYYY'), 50, 1)

INSERT INTO Ticket (Ticket_id, Show_date, Ticket_price, Seat_id) VALUES (2, to_date('01-JAN-2023','DD-MON-YYYY'), 20, 3)

INSERT INTO Ticket (Ticket_id, Show_date, Ticket_price, Seat_id) VALUES (3, to_date('01-JAN-2023','DD-MON-YYYY'), 50, 2)

INSERT INTO Ticket (Ticket_id, Show_date, Ticket_price, Seat_id) VALUES (4, to_date('10-JAN-2023','DD-MON-YYYY'), 50, 6)

INSERT INTO Ticket (Ticket_id, Show_date, Ticket_price, Seat_id) VALUES (5, to_date('5-JAN-2023','DD-MON-YYYY'), 50, 7)
```

```
INSERT INTO Ticket (Ticket_id, Show_date, Ticket_price, Seat_id) VALUES (6,
to_date('2-JAN-2023','DD-MON-YYYY'), 50, 4)

INSERT INTO Ticket (Ticket_id, Show_date, Ticket_price, Seat_id) VALUES (7,
to_date('09-JAN-2023','DD-MON-YYYY'), 50, 5)
```

TABLE OF TICKET

TICKET_ID	SHOW_DATE	TICKET_PRICE	SEAT_ID
1	01-DEC-22	50	1
3	01-JAN-23	50	2
4	10-JAN-23	50	6
5	05-JAN-23	50	7
7	09-JAN-23	50	5
2	01-JAN-23	20	3
6	02-JAN-23	50	4

```
INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES (1, 'The Shawshank Redemption', to_date('1994-10-14','YYYY-MM-DD'), 18, 'Frank
Darabont', 'Tim Robbins, Morgan Freeman');

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES  (2, 'The Godfather', To_date('1972-03-14','YYYY-MM-DD'), 18, 'Frank
Darabont', 'Tim Robbins, Morgan Freeman');

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES (3, 'The Godfather: Part II', To_DATE('1974-12-20','YYYY-MM-DD'), 18, 'Francis
Ford Coppola', 'Marlon Brando, Al Pacino');

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)
```

VALUES (4, 'Interstellar', TO_DATE('2022-01-01','YYYY-MM-DD'), 12, 'Christopher Nolan', 'Matthew McConaughey, Anne Hathaway')

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES (5, 'The Dark Knight', TO_DATE('2022-01-02','YYYY-MM-DD'), 14, 'Christopher Nolan', 'Christian Bale, Heath Ledger')

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES (6, 'Inception', TO_DATE('2022-01-03','YYYY-MM-DD'), 16, 'Christopher Nolan', 'Leonardo DiCaprio, Tom Hardy');

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES (7, 'The Matrix', To_date('1999-03-31','YYYY-MM-DD'), 13, 'Lana Wachowski, Lilly Wachowski', 'Keanu Reeves, Laurence Fishburne, Carrie-Anne Moss')

TABLE OF MOVIE

MOVIE_ID	MOVIE_NAME	RELEASE_DATE	MIN_AGE	DIRECTORS	ACTORS	SHOW_ID
3	The Godfather: Part II	20-DEC-74	18	Francis Ford Coppola	Marlon Brando, Al Pacino	-
6	Inception	03-JAN-22	16	Christopher Nolan	Leonardo DiCaprio, Tom Hardy	-
1	The Shawshank Redemption	14-OCT-94	18	Frank Darabont	Tim Robbins, Morgan Freeman	-
2	The Godfather	14-MAR-72	18	Frank Darabont	Tim Robbins, Morgan Freeman	-
4	Interstellar	01-JAN-22	12	Christopher Nolan	Matthew McConaughey, Anne Hathaway	-
5	The Dark Knight	02-JAN-22	14	Christopher Nolan	Christian Bale, Heath Ledger	-

INSERT INTO Customer (Customer_id, First_Name, Middle_name, Last_name, Contact, Age, Email, Password, Date_of_birth, Gender, Booking_Date)

VALUES (1, 'John', 'M', 'Doe', 1234567890, 35, 'john@example.com', 'password1', TO_DATE('1986-01-01', 'YYYY-MM-DD'), 'M', TO_DATE('2022-01-01', 'YYYY-MM-DD'));

INSERT INTO Customer (Customer_id, First_Name, Middle_name, Last_name, Contact, Age, Email, Password, Date_of_birth, Gender, Booking_Date)

VALUES (2, 'Jane', 'S', 'Doe', 2345678901, 32, 'jane@example.com', 'password2', TO_DATE('1988-05-01', 'YYYY-MM-DD'), 'F', TO_DATE('2022-01-02', 'YYYY-MM-DD'));

```
INSERT INTO Customer (Customer_id, First_Name, Middle_name, Last_name, Contact, Age,
Email, Password, Date_of_birth, Gender, Booking_Date)

VALUES (3, 'Bob', 'A', 'Smith', 3456789012, 25, 'bob@example.com', 'password3',
TO_DATE('1995-12-01', 'YYYY-MM-DD'), 'M', TO_DATE('2022-01-03', 'YYYY-MM-DD'));


INSERT INTO Customer (Customer_id, First_Name, Middle_name, Last_name, Contact, Age,
Email, Password, Date_of_birth, Gender, Booking_Date)

VALUES (4, 'Alice', 'B', 'Smith', 4567890123, 28, 'alice@example.com', 'password4',
TO_DATE('1992-07-01', 'YYYY-MM-DD'), 'F', TO_DATE('2022-01-04', 'YYYY-MM-DD'));


INSERT INTO Customer (Customer_id, First_Name, Middle_name, Last_name, Contact, Age,
Email, Password, Date_of_birth, Gender, Booking_Date)

VALUES (5, 'Chris', 'C', 'Johnson', 5678901234, 31, 'chris@example.com', 'password5',
TO_DATE('1989-03-01', 'YYYY-MM-DD'), 'M', TO_DATE('2022-01-05', 'YYYY-MM-DD'));
```

TABLE OF CUSTOMER

CUSTOMER_ID	FIRST_NAME	MIDDLE_NAME	LAST_NAME	CONTACT	AGE	EMAIL	PASSWORD	DATE_OF_BIRTH	GENDER	BOOKING_DATE
2	Jane	S	Doe	2345678901	32	jane@example.com	password2	01-MAY-88	F	02-JAN-22
3	Bob	A	Smith	3456789012	25	bob@example.com	password3	01-DEC-95	M	03-JAN-22
4	Alice	B	Smith	4567890123	28	alice@example.com	password4	01-JUL-92	F	04-JAN-22
5	Chris	C	Johnson	5678901234	31	chris@example.com	password5	01-MAR-89	M	05-JAN-22
6	Sarah	D	Johnson	6789012345	29	sarah@example.com	password6	01-SEP-91	F	06-JAN-22
7	Mike	COXLONG	L	6789012345	19	mike@example.com	password7	03-MAR-02	M	09-JAN-22
1	John	M	Doe	1234567890	35	john@example.com	password1	01-JAN-86	M	01-JAN-22

NOMRALISATION:

Before:

```
CREATE TABLE Movie (

Movie_id INT PRIMARY KEY,

  Movie_name VARCHAR(255) NOT NULL,

  Release_date DATE NOT NULL,

  Min_age INT NOT NULL,

  Directors VARCHAR(255) NOT NULL,

  Actors VARCHAR(255) NOT NULL,

  Show_id INT,

);

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES (1, 'The Shawshank Redemption', to_date('1994-10-14','YYYY-MM-DD'), 18, 'Frank Darabont', 'Tim Robbins, Morgan Freeman');

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES  (2, 'The Godfather', To_date('1972-03-14','YYYY-MM-DD'), 18, 'Frank Darabont', 'Tim Robbins, Morgan Freeman');

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES (3, 'The Godfather: Part II', To_DATE('1974-12-20','YYYY-MM-DD'), 18, 'Francis Ford Coppola', 'Marlon Brando, Al Pacino');

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES (4, 'Interstellar', TO_DATE('2022-01-01','YYYY-MM-DD'), 12, 'Christopher Nolan', 'Matthew McConaughey, Anne Hathaway')

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)
```

```
VALUES  (5, 'The Dark Knight', TO_DATE('2022-01-02','YYYY-MM-DD'), 14, 'Christopher Nolan', 'Christian Bale, Heath Ledger')

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES (6, 'Inception', TO_DATE('2022-01-03','YYYY-MM-DD'), 16, 'Christopher Nolan', 'Leonardo DiCaprio, Tom Hardy');

INSERT INTO Movie (Movie_id, Movie_name, Release_date, Min_age, Directors, Actors)

VALUES (7, 'The Matrix', To_date('1999-03-31','YYYY-MM-DD'), 13, 'Lana Wachowski, Lilly Wachowski', 'Keanu Reeves, Laurence Fishburne, Carrie-Anne Moss')
```

After;

```
CREATE TABLE MOVIE ( MOVIE_ID INT,

MOVIE_NAME VARCHAR(30) NOT NULL, RELEASEDATE DATE,

AGE_RATE SMALLINT,

ACTOR1 VARCHAR(20),

ACTOR2 VARCHAR(20),

ACTOR3 VARCHAR(20),

DIRECTOR VARCHAR(25),

PRIMARY KEY (MOVIE_ID));

INSERT INTO MOVIE (MOVIE_ID, MOVIE_NAME, RELEASEDATE, AGE_RATE, ACTOR1, ACTOR2, ACTOR3, DIRECTOR)

VALUES (1, 'Movie 1', TO_DATE('2022-01-01', 'YYYY-MM-DD'), 12, 'Actor 1', 'Actor 2', 'Actor 3', 'Director 1'),

       (2, 'Movie 2', TO_DATE('2022-02-01', 'YYYY-MM-DD'), 15, 'Actor 4', 'Actor 5', 'Actor 6', 'Director 2'),

       (3, 'Movie 3', TO_DATE('2022-03-01', 'YYYY-MM-DD'), 18, 'Actor 7', 'Actor 8', 'Actor 9', 'Director 3'),

       (4, 'Movie 4', TO_DATE('2022-04-01', 'YYYY-MM-DD'), 12, 'Actor 10', 'Actor 11', 'Actor 12', 'Director 4'),
```

(5, 'Movie 5', TO_DATE('2022-05-01', 'YYYY-MM-DD'), 15, 'Actor 13', 'Actor 14', 'Actor 15', 'Director 5');

MOVIE_ID	MOVIE_NAME	RELEASEDATE	AGE_RATE	ACTOR1	ACTOR2	ACTOR3	DIRECTOR
4	Movie 4	01-APR-22	12	Actor 10	Actor 11	Actor 12	Director 4
3	Movie 3	01-MAR-22	18	Actor 7	Actor 8	Actor 9	Director 3
1	Movie 1	01-JAN-22	12	Actor 1	Actor 2	Actor 3	Director 1
2	Movie 2	01-FEB-22	15	Actor 4	Actor 5	Actor 6	Director 2
5	Movie 5	01-MAY-22	15	Actor 13	Actor 14	Actor 15	Director 5

VIEWS:

CUSTOMER:

```
CREATE VIEW CUSTOMER_DETAILS AS

SELECT * FROM CUSTOMER

WHERE AGE=28;
```

CUSTOMER_ID	FIRST_NAME	MIDDLE_NAME	LAST_NAME	CONTACT	AGE	EMAIL	PASSWORD	DATE_OF_BIRTH	GENDER	BOOKING_DATE
4	Alice	B	Smith	4567890123	28	alice@example.com	password4	01-JUL-92	F	04-JAN-22

MOVIE:

```
CREATE VIEW MOVIE_DETAILS AS

SELECT * FROM MOVIE

WHERE MOVIE_ID=1;
```

MOVIE_ID	MOVIE_NAME	RELEASEDATE	AGE_RATE	ACTOR1	ACTOR2	ACTOR3	DIRECTOR
1	Movie 1	01-JAN-22	12	Actor 1	Actor 2	Actor 3	Director 1

SHOW:

```
CREATE VIEW SHOW_DETAILS AS
SELECT * FROM SHOW
WHERE START_TIME = '14:30';
```

SHOW_ID	MOVIE_ID	SHOW_DATE	START_TIME	END_TIME	LANGUAGE
6249	36674	17-DEC-19	14:30	16:50	ENGLISH
6280	37628	18-DEC-19	14:30	16:50	ENGLISH

THEATRE:

```
create view theatre_detais as

select* from theatre where

seat_id = 7 and admin_id = 6;
```

THEATRE_ID	THEATRE_NAME	LOCATION	SEAT_ID	ADMIN_ID
7	Theatre 3	Chicago	7	6

SEAT:

```
CREATE VIEW SEAT_DETAILS AS

SELECT * FROM SEAT

WHERE SEAT_type = 'Premium';
```

SEAT_ID	SEAT_TYPE	TOTAL_SEATS
6	Premium	5
7	Premium	5

ADMIN:

```
Create view Admin_details as

select * from Admin where admin_id > 3 and admin_id < 5;
```

ADMIN_ID	PASSWORD
4	password3

DISCOUNT:

```
CREATE VIEW DISCOUNT_DETAILS AS
SELECT * FROM DISCOUNT
WHERE Movie_name='Inception';
```

DISCOUNT_ID	MOVIE_NAME	TICKET_PRICE
2	Inception	45

TICKETS:

```
CREATE VIEW TICKET_DETAILS AS

SELECT * FROM TICKET

WHERE seat_id > 2 and seat_id <7;
```

TICKET_ID	SHOW_DATE	TICKET_PRICE	SEAT_ID
2	01-JAN-23	20	3
4	10-JAN-23	50	6
6	02-JAN-23	50	4
7	09-JAN-23	50	5