



# MOVIE TICKET BOOKING APPLICATION

Batch2JEE Angular

BATCH - F

# OBJECTIVES

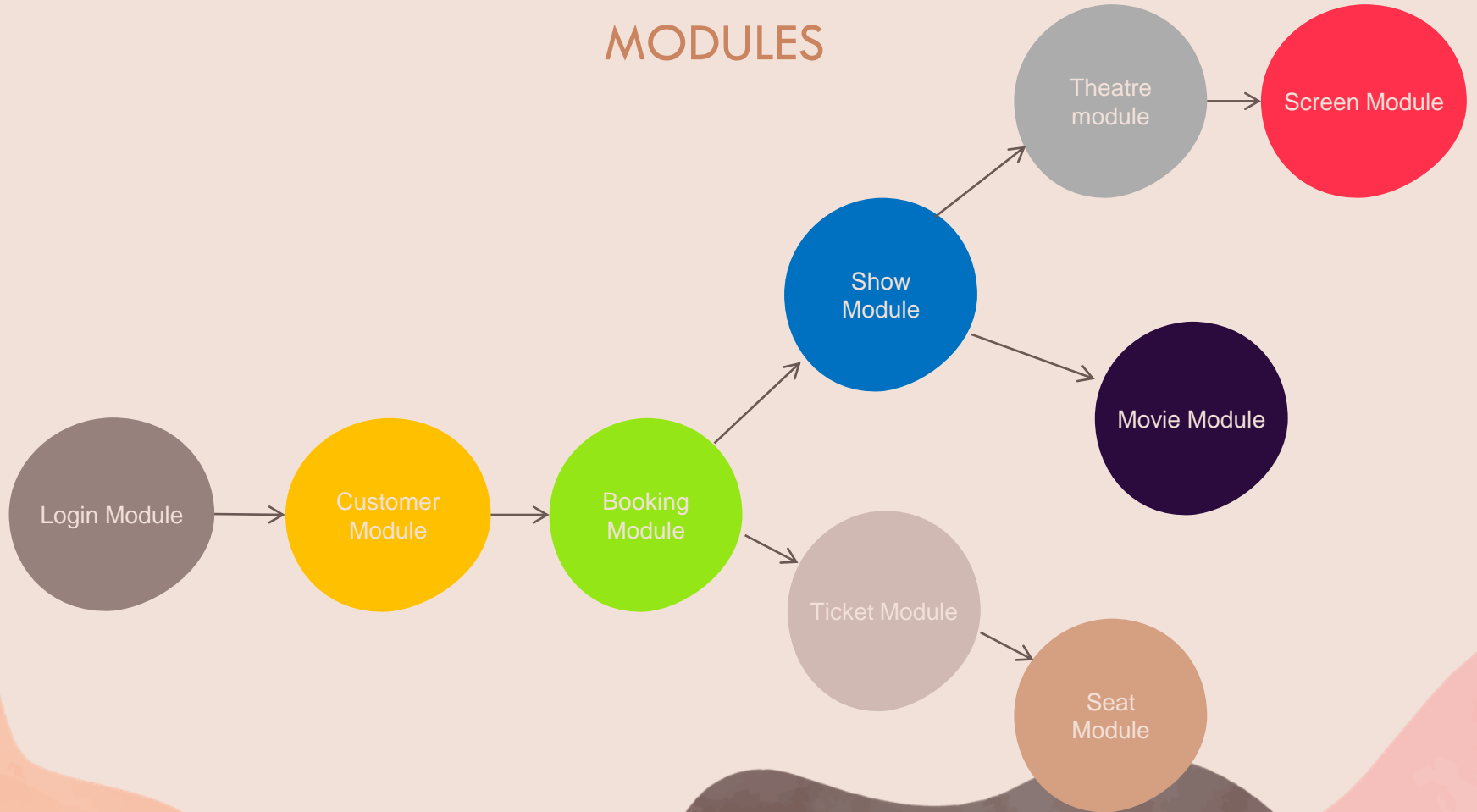
- **Customer:**

- Customer should be able to view the list of Movies, Theatre, Screen and available shows.
- Customer should be able to buy the tickets for desired show.

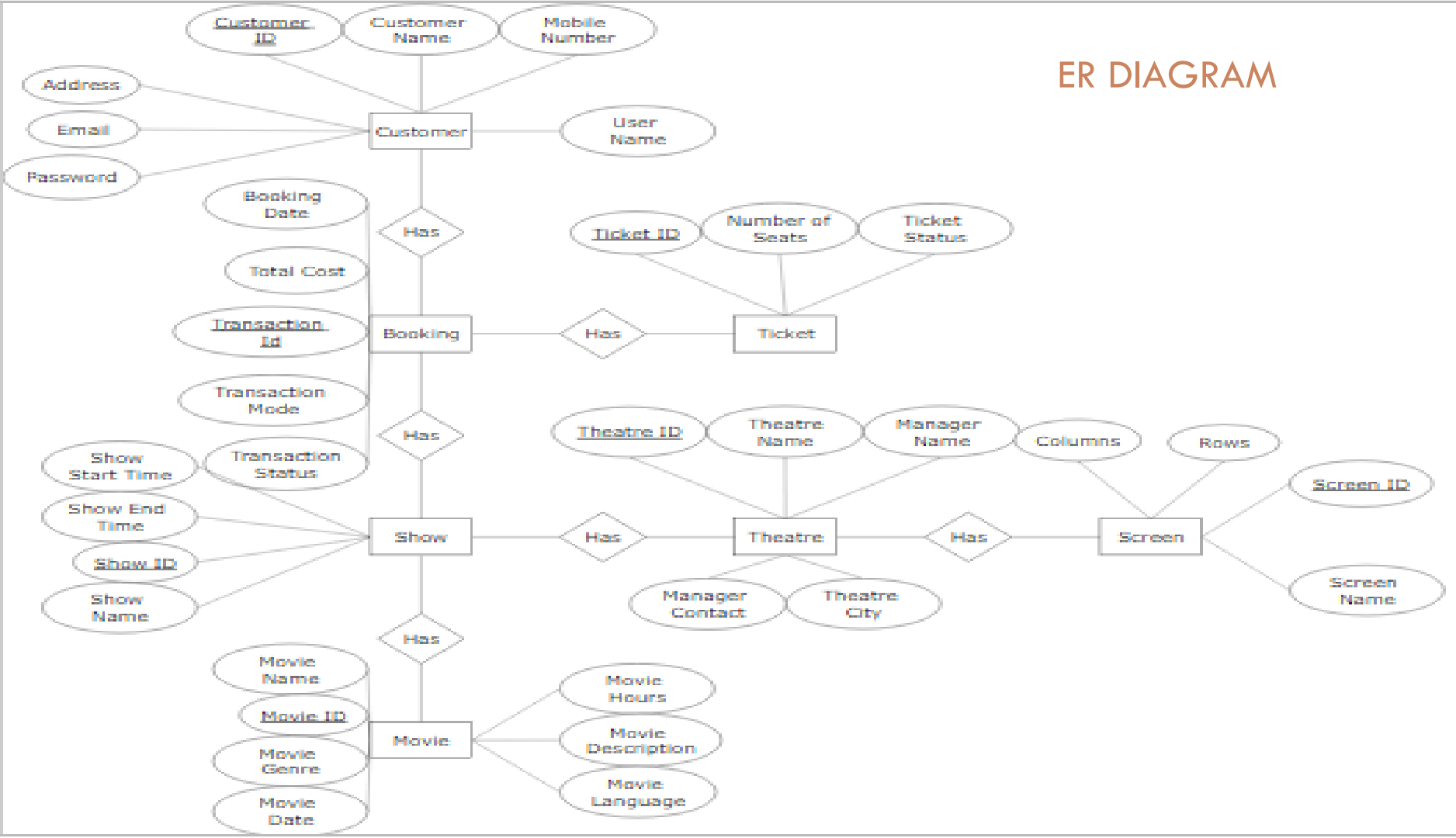
- **Admin:**

- should be able to perform:
  - 1.Movie Management
  - 2.Theatre management
  - 3.Screen management

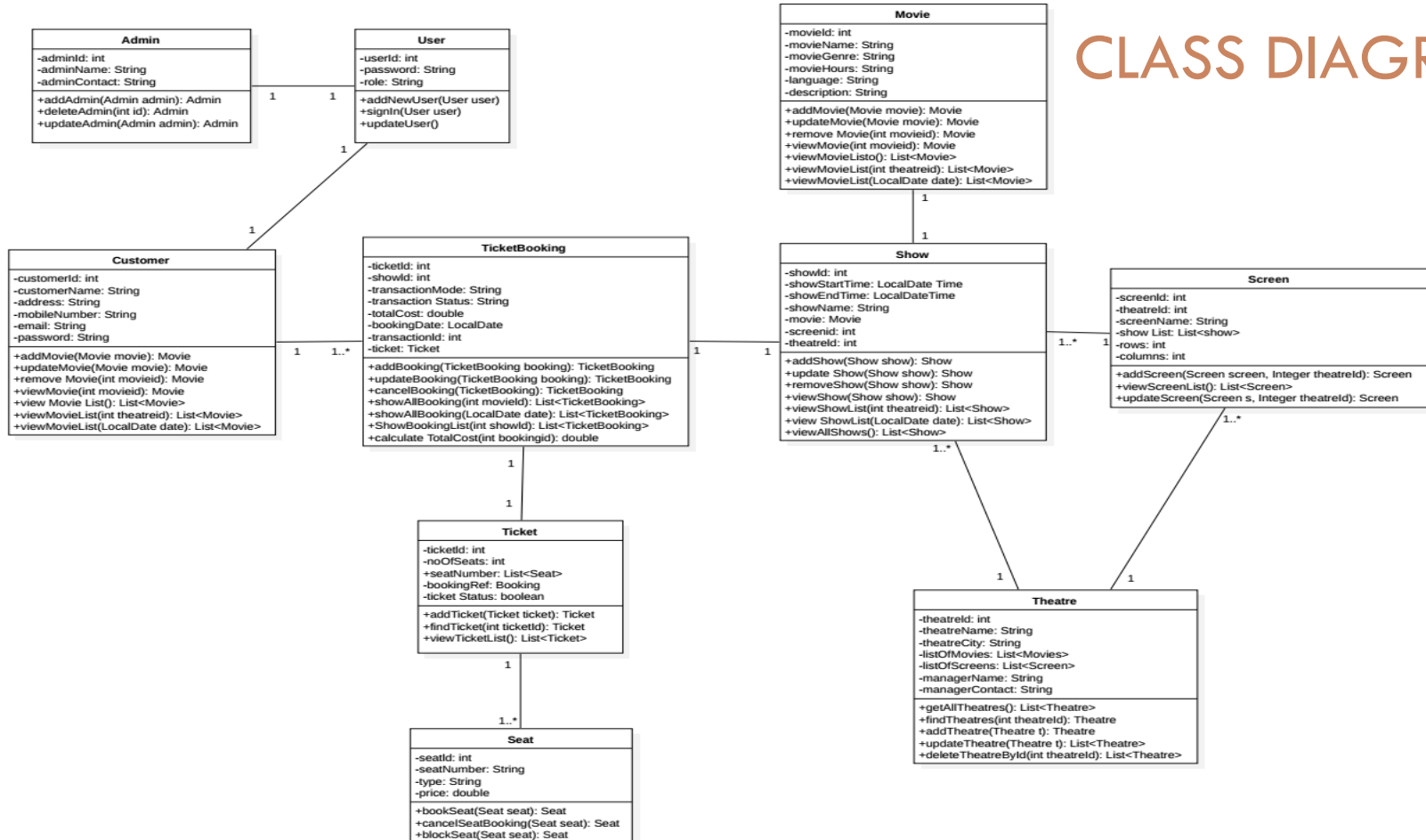
# MODULES



# ER DIAGRAM



# CLASS DIAGRAM





# MODULES

# CUSTOMER MODULE

## Admin

- Can Add New Customer.
- View List of Customers.
- Remove a Customer.
- Update a Customer.

## Customer

- Customer can update his/her personal Details.

# THEATRE MODULE

A theatre can have multiple Screens and Shows.

## Admin

- Can Add New Theatre.
- Remove a Theatre.
- Update a Theatre.
- View List of existing Theatres.
- View Theatre Details based on the Theatre-Id.



# MOVIE MODULE

A Movie is One to One mapped with a Show.

## Admin

- Can Add New Movie.
- Remove a Movie.
- Update a Movie.
- View List of existing Movies.
- View Movie Details based on the Movie-Id.
- View Movie Details based on the Theatre-Id.
- View Movie Details based on the Date.

## Customer

- View Movie Details based on the Movie-Id.
- View Movie Details based on the Theatre-Id.
- View Movie Details based on the Date.

# SCREEN MODULE

Multiple Screens are mapped to a Movie.

## Admin

- Can Add New Screen.
- Update a Screen.
- View List of existing Screens.

## Customer

- View List of existing Screens.

# SHOW MODULE

A Show has a Movie, and a Theatre, Screen can have many shows.

## Admin

- Can Add New Show
- Update a Show
- Delete Show
- View List of existing Shows.
- View Show Details based on the Show-Id.
- View Show Details based on the Date.

## Customer

- View List of existing Shows.
- View Show Details based on the Show-Id.
- View Show Details based on the Date.

# BOOKING MODULE

A Customer access Booking module, and does booking based on Show.

## Customer

- View List of existing Shows.
- View Show Details based on the Show-Id.
- View Show Details based on the Date.

# SEAT MODULE

Admin can Book Multiple Seats.

## Admin

- Can Add New Seat
- Update Seat Details
- Delete a Seat
- View List of existing Seats.

## Customer

- Book a Seat.
- Block a Seat.
- Cancel a Seat.

# TICKET MODULE

A Customer can book a Ticket with multiple Seats.

## Admin

- Access Ticket information based on Ticked-Id
- View all The booked Tickets.

## Customer

- Book a ticket with one or many Seats.

# THANKS

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Movie Ticket Booking Application

GitHub: <https://github.com/mumei-sp/Movie-Ticket-Booking-application>