Requirements
1. Search theatres w.r.to
   a. city
   b. movie/event
   c. theatre name
2. Book tickets
   a. show booked seates
   b. show count of available tickets
   c. book tickets
3. Each theatre can multiple movies
4. Each theatre can run multiple shows
5. theatre can have multiple screens
6. no two customers can book one seat
7. Kind of payment
8. notifications
   a. new movie
   b. 1 hour before movie starts

Actors
1. Admin
   a. add new theatre
   b. update /add movie schedules
2. Customer : booking and searching
3. Guests: only searching
4. Theatre desk officer: cancel/book tkt
5. System: notifiations, payment, bookings

SEARCH OPTIONS
1. by movie name
2. by genre
3. by theatre
4. by city
5. price range
6. any combination of above 5
7. coupons_available

SEAT_KIND : enum
1. SOFA
2. BALCONY
3. BACK
4. MIDDLE
5. FRONT

SEAT_STATUS
1. BOOKED
2. VACANT
3. CANCELLED

ACCOUNT_STATUS
1. active
2. kyc_pending
3. blocked
4. closed
5. blacklisted

BOOKING_STATUS
1. ACTIVE
2. PENDING
3. WATCHED
4. CANCELLED

PAYMENT_MODE
1. CARD
2. UPI
3. CASH
4. POINTS
5. MIXED

PAYMENT_STATUS
1. PAID
2. PENDING
3. FAILED
4. REFUNDED
5. REFUND_PENDING

LOCATION
lon, lat
city,state
pincode

SEAT_DETAILS
row, column
SEAT_KIND
price,
isRefundable
SEAT_STATUS
SCREEN_ID
BOOKING

MOVIE
id
language
runtime
rating
release_date

ACCOUNT
ACCOUNT_STATUS
List<BOOKINGS_id>
points

PAYMENT
id, booking_id,
PAYMENT_MODE
PAYMENT_STATUS
date, amount

System_Catalog
List<THEATRE_IDS>
List<MOVIE_IDS>
List<USER_IDS>
List<LANGUAGES>
List<GENRE>
List<LOCATION>

USER
name, id, email, pass,
phone, ACCOUNT_ID

THEATRE
id, name
LOCATION
LIST<SCREEN_ID>

SCREEN
id,
LIST<SEAT_DETAILS>
Map<movie_ID, time>
List<BOOKING_IDS>

BOOKING
id, user_id, theatre_id,
created_on, movie_id
BOOKING_STATUS
List<SEAT_DETAILS>
payment_id

NOTIFICATION
id
created_on
CONTENT
EMAIL/TEXT

CONTENT
user_id
booking_id
message