A local cinema wants to allow people to book tickets online to see movies that are being shown in its various screens. These tickets should be delivered to customers via email. The cinema wants to keep a record of their customers and the tickets they purchase, as well as offer a regularly updated list of movies for them to choose from. A single screen might show multiple movies a day, and even the same movie at multiple times. The cinema will expand its number of screens in the future, so the potential for growth needs to be accounted for.

User Stories

* The Customer can book tickets online
* The customer will receive a booking confirmation via email
* The Customer can see Movies Screening shows time.
* The cinema keeps the record of customer ticket
* The cinema can update movies
* The cinema can add screen
* A single screen shows multiple movies a day or same movies multiples times

Breaking it down From a User Stories

a junction table = associate entity

Customer : ID,name,email,phone,createAt,updateAt,Membership\_ID

Membership:ID,name,Offer\_ID, createAt,updateAt

Offer:ID,type ,discount, createAt,updateAt

Movies:ID,name,length,rate, createAt,updateAt

Screens:ID,name,cleaningTime, createAt,updateAt

Seats:ID,Screen\_ID,status, createAt,updateAt

Booking: ID,Movies\_ID,Screen\_ID,Seat\_ID,timeStart,timeEnd,Price, BookingStatus\_ID , createAt,updateAt

BookingStatus:ID,type, createAt,updateAt

Manager:ID,name, createAt,updateAt,Permission\_ID

Permission:ID,type, createAt,updateAt