

## צוות הפרויקט:

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המתרגל אליו מוגש הפרויקט: אמיר לויט.

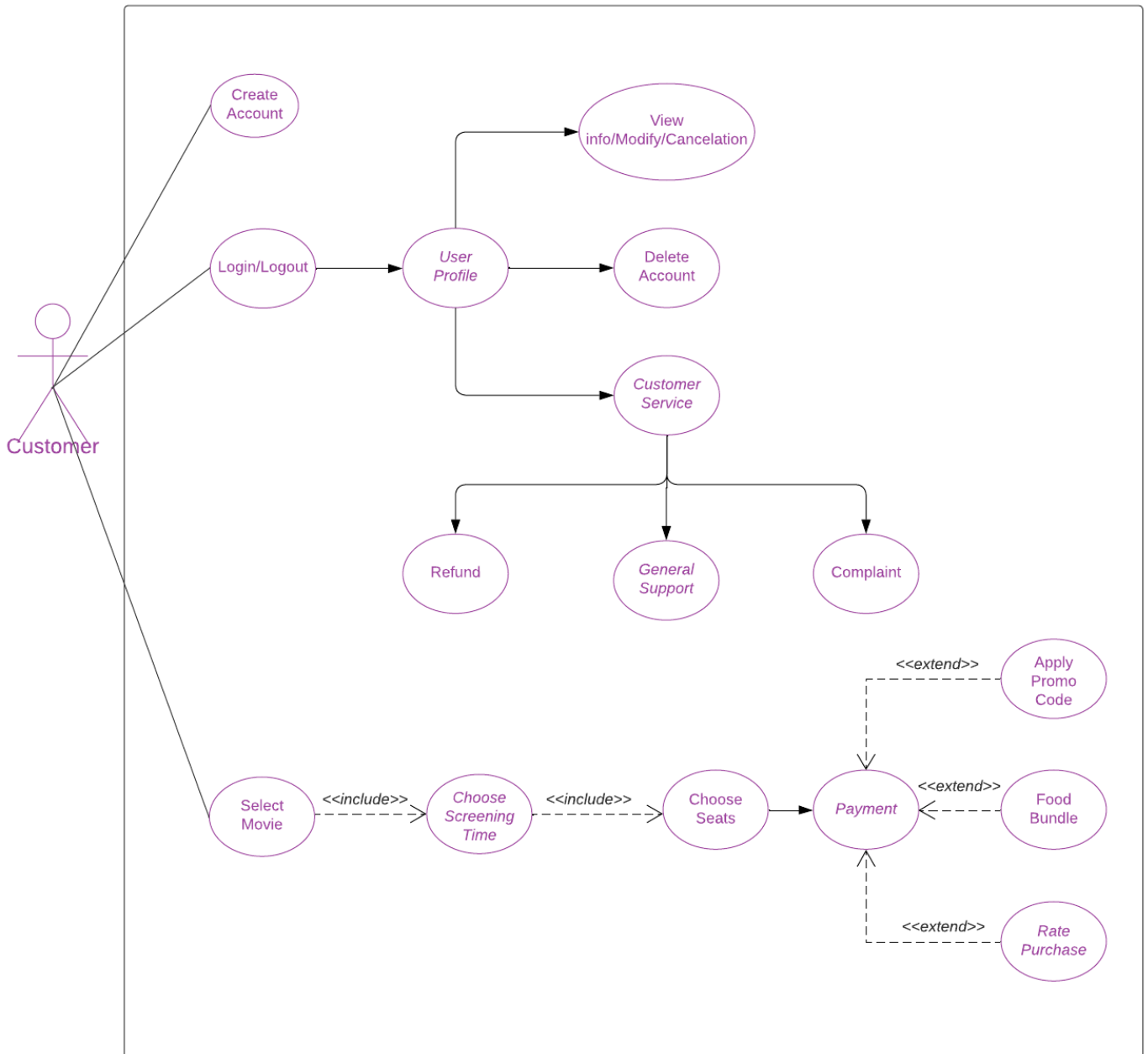


# SeatFinder

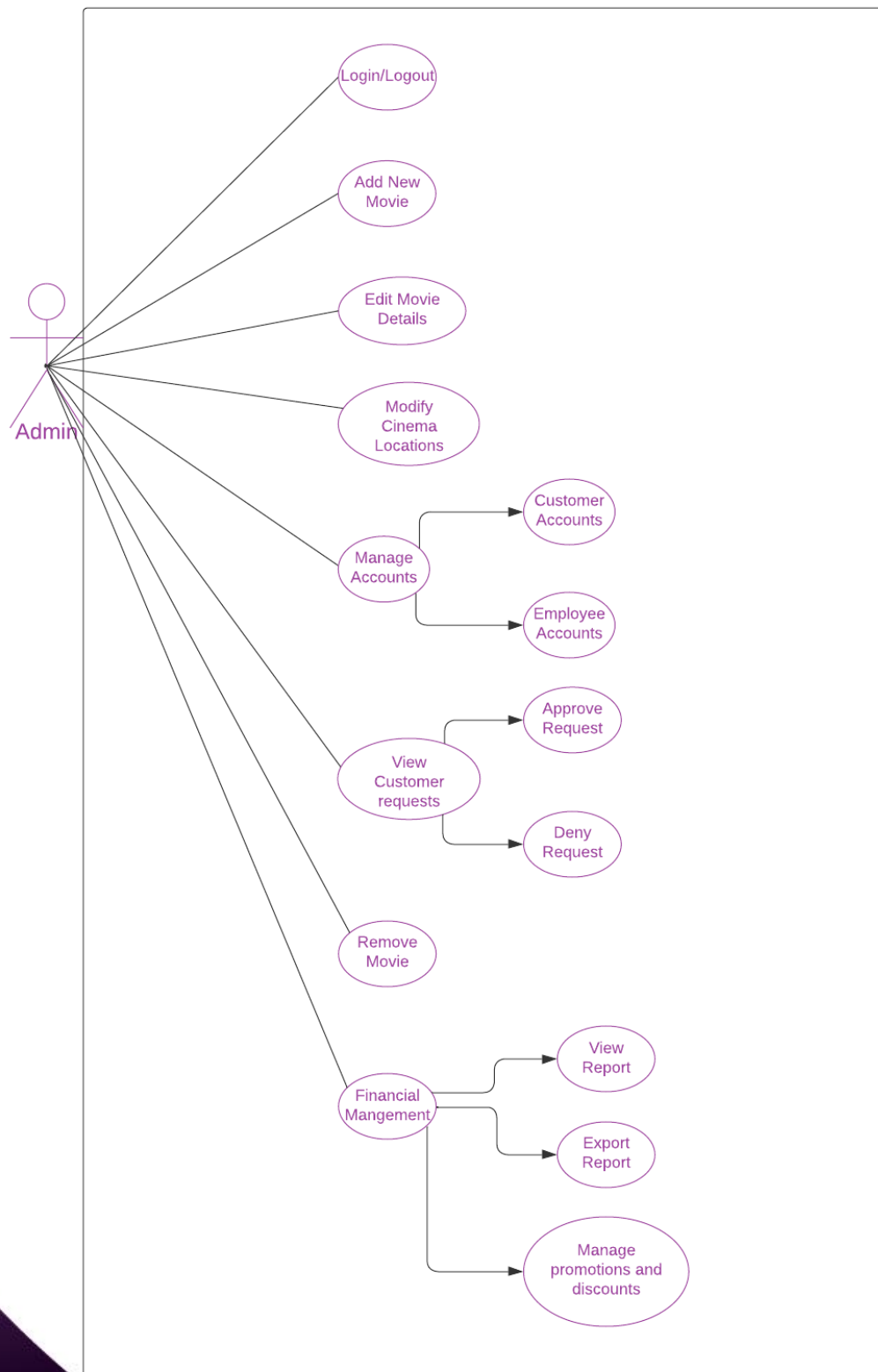
מסמך ארכיטקטורה

# Use-Case Diagrams

1)

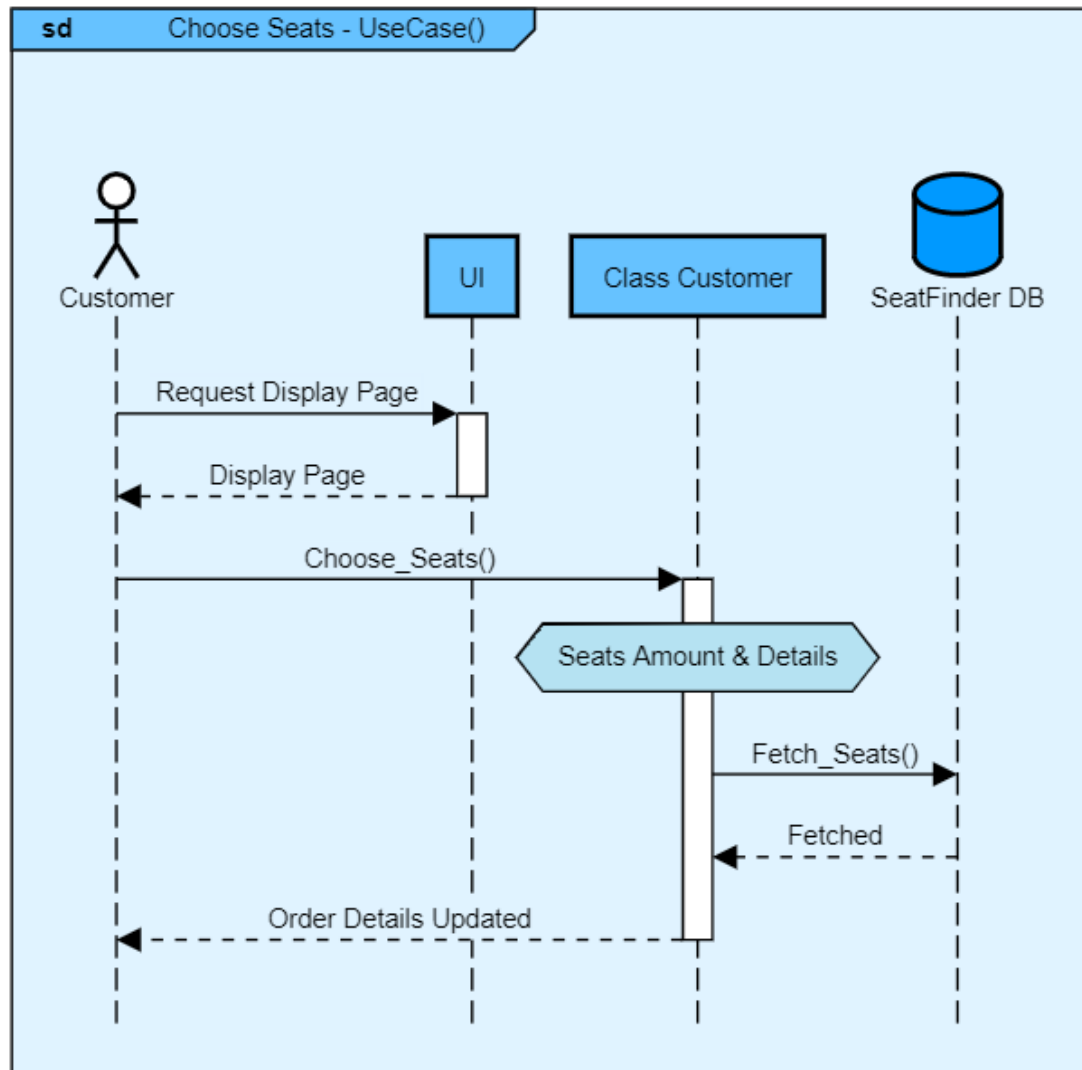


2)



# Sequence Diagrams

1)



```

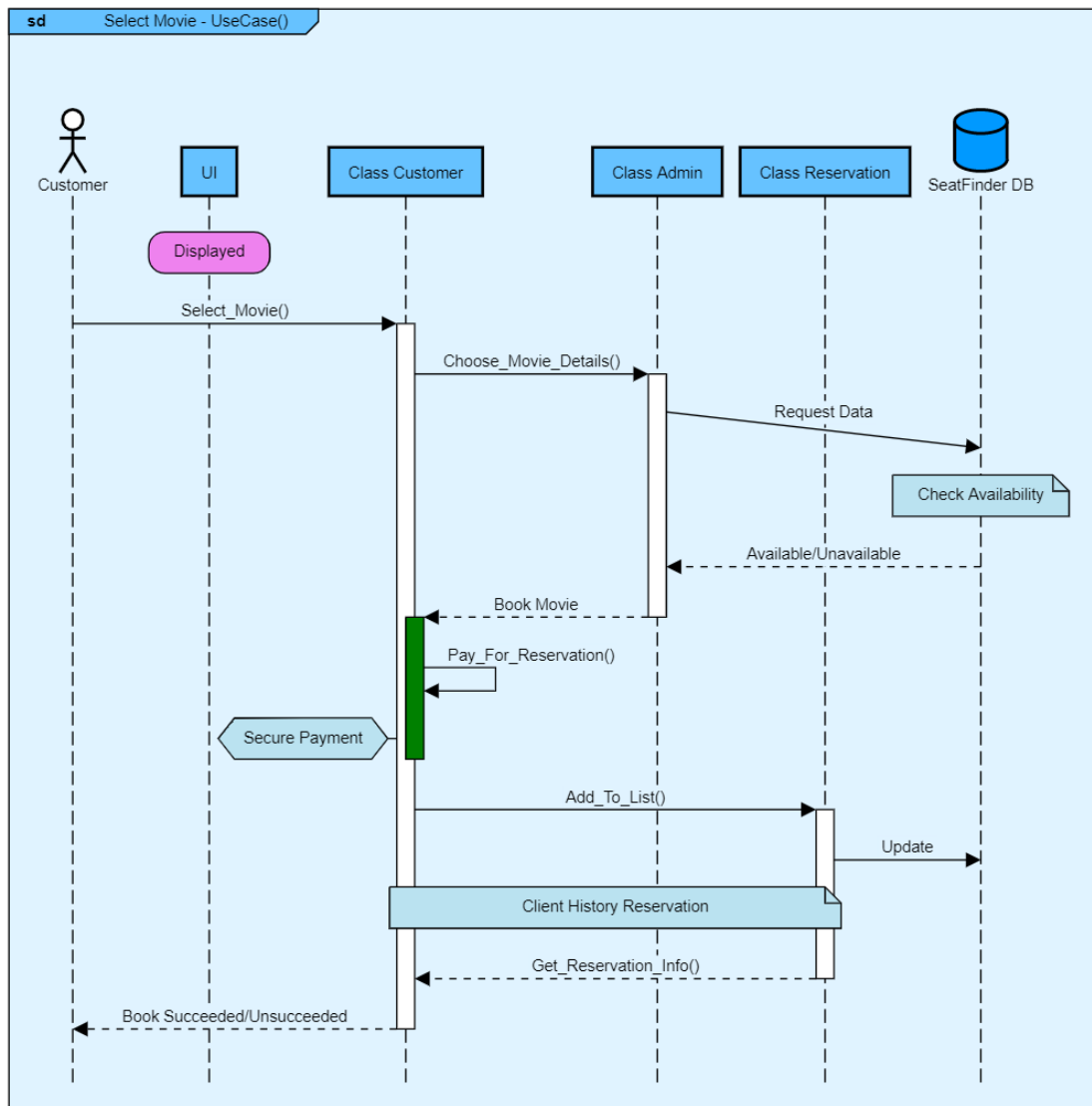
title Choose Seats

actor Customer
participant UI #66c2ff
participant Class Customer #66c2ff
frame #66c2ff Choose Seats - UseCase()
database SeatFinder DB #0099ff

Customer->>UI:Request Display Page
activate UI
UI-->>Customer:Display Page
deactivate UI

Customer->>Class Customer:Choose_Seats()
activate Class Customer
abox over Class Customer #B5E2F2:Seats Amount & Details
Class Customer->>SeatFinder DB:Fetch_Seats()
SeatFinder DB-->>Class Customer:Fetched
deactivate SeatFinder DB
Class Customer-->>Customer:Order Details Updated
deactivate Class Customer
    
```

2)



title Select Movie

```

actor Customer
participant UI #66c2ff
participant Class Customer #66c2ff
participant Class Admin #66c2ff
participant Class Reservation #66c2ff
frame #66c2ff
    Select Movie - UseCase()
database SeatFinder DB #0099ff

rbox over UI #violet:Displayed

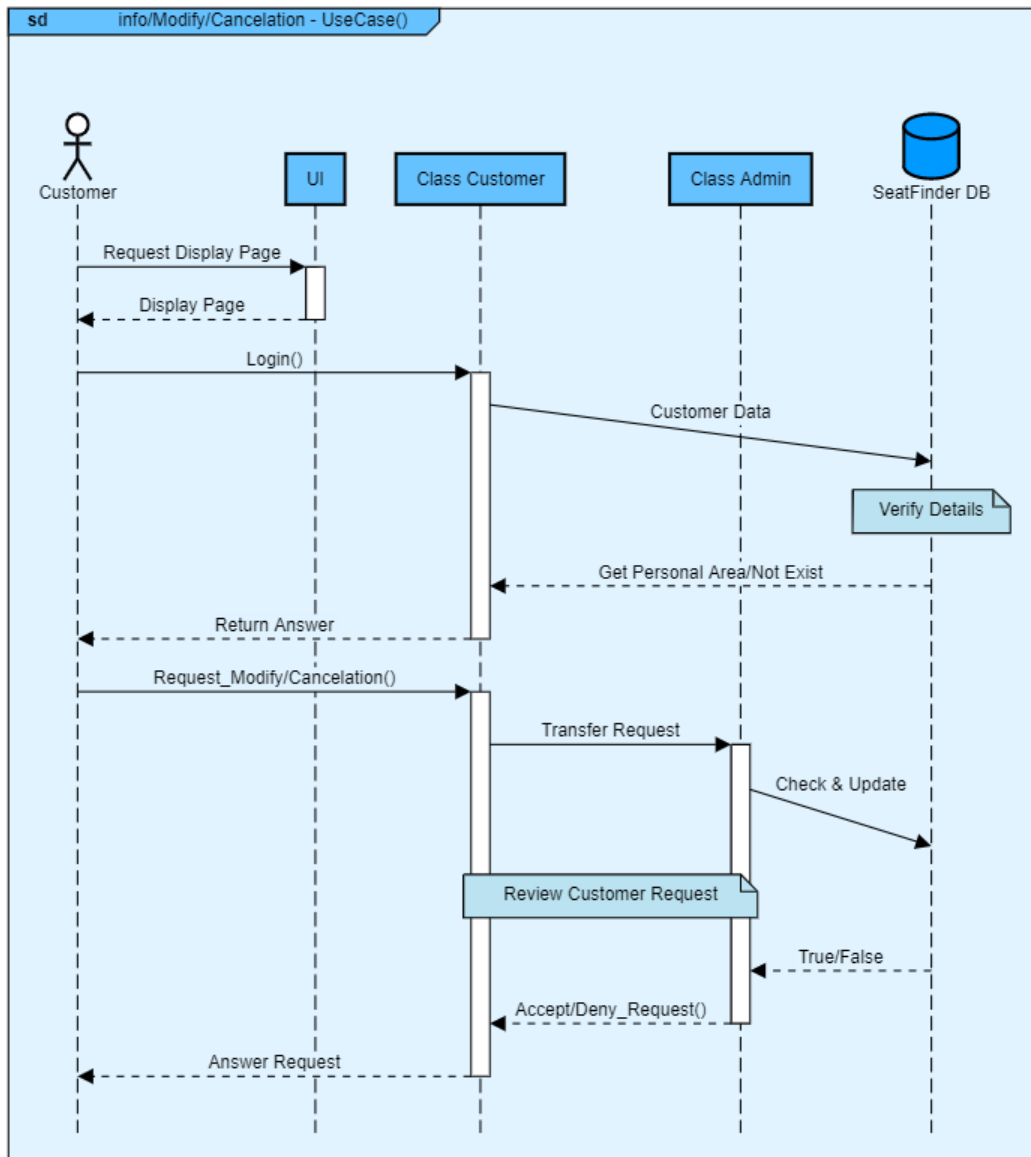
Customer->>Class Customer:Select_Movie()
activate Class Customer
Class Customer->>Class Admin:Choose_Movie_Details()
activate Class Admin
Class Admin->>(2)SeatFinder DB:Request Data
activate SeatFinder DB

note over SeatFinder DB#BAE2F0:Check Availability
SeatFinder DB-->>Class Admin: Available/Unavailable
Class Admin-->>Class Customer:Book Movie
deactivate Class Admin
activate Class Customer #green

Class Customer->>Class Customer: Pay_For_Reservation()
abox left of Class Customer#BAE2F0: Secure Payment
deactivate Class Customer

Class Customer->>Class Reservation:Add_To_List()
activate Class Reservation
Class Reservation->>SeatFinder DB:Update
activate SeatFinder DB
note over Class Customer,Class Reservation#BAE2F0:Client
History Reservation
Class Reservation-->>Class
Customer:Get_Reservation_Info()
deactivate Class Reservation
Class Customer-->>Customer:Book Succeeded/Unsuccessful
deactivate Class Customer
  
```

3)



title view info/Modify/Cancelation

actor Customer

participant UI #66c2ff

participant Class Customer #66c2ff

participant Class Admin #66c2ff

frame #66c2ff info/Modify/Cancelation - UseCase()

database SeatFinder DB #0099ff

Customer->>UI:Request Display Page

activate UI

UI-->>Customer:Display Page

deactivate UI

Customer->>Class Customer:Login()

activate Class Customer

Class Customer->>(3)SeatFinder DB:Customer Data

note over SeatFinder DB #BAE2F0:Verify Details  
Class Customer<--SeatFinder DB:Get Personal Area/Not Exist

Customer<--Class Customer:Return Answer

deactivate Class Customer

Customer->>Class Customer:Request\_Modify/Cancelation()

activate Class Customer

Class Customer->>Class Admin:Transfer Request

activate Class Admin

Class Admin->>(3)SeatFinder DB:Check & Update

note over Class Admin,Class Customer#BAE2F0: Review Customer Request

Class Admin<--SeatFinder DB:True/False

Class Customer<--Class Admin:Accept/Deny\_Request()

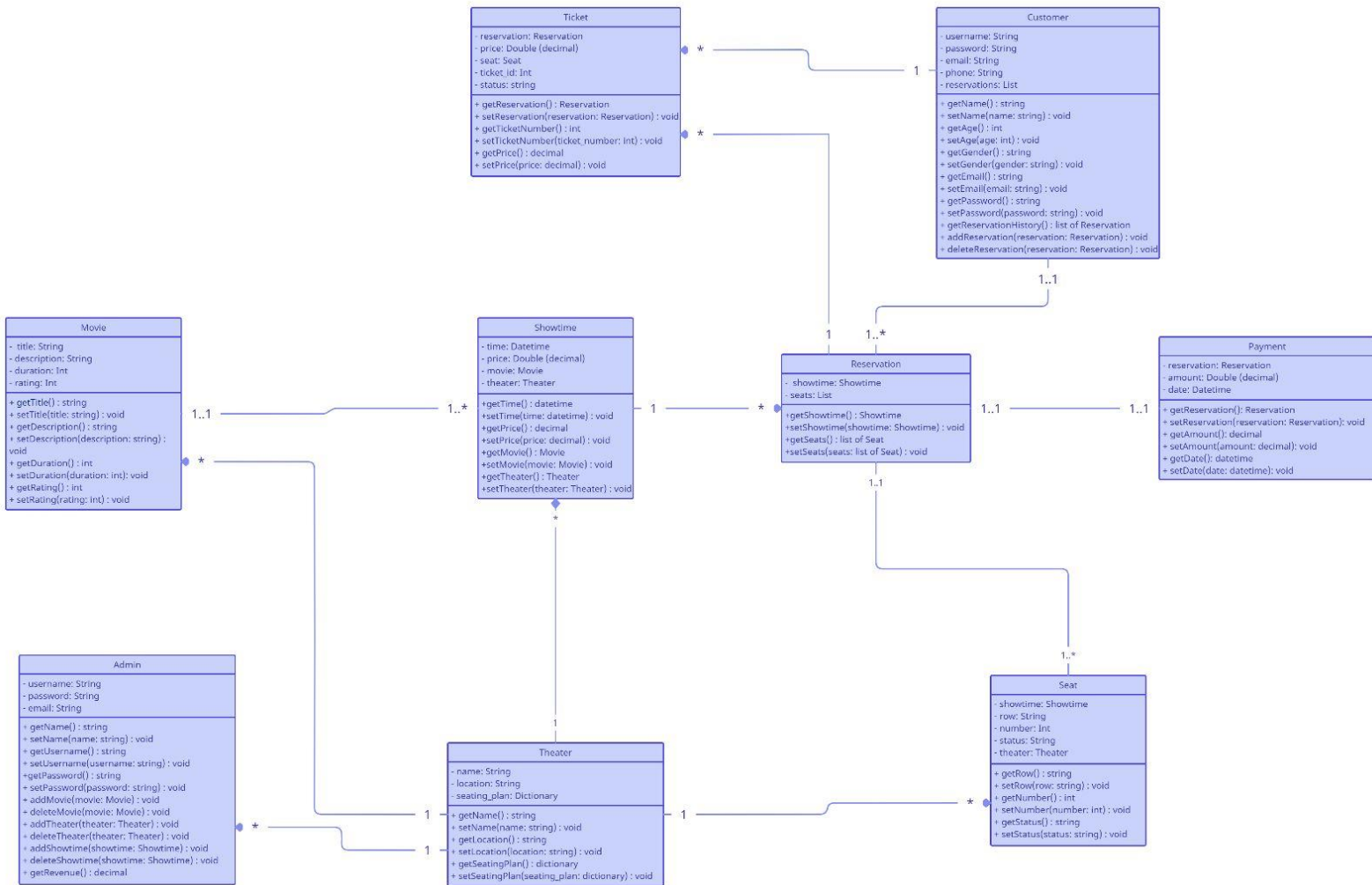
deactivate Class Admin

Customer<--Class Customer:Answer Request

deactivate Class Customer



# Class Diagram







# MVC Architectural Diagram

