Model::Main

User

-firstName: String
-lastName: String
-password: String
-userName: String
-email: String

+User()
+User(firstName: String, lastName: String, password: String, userName: String)
+getFirstName(): String
+setFirstName(firstName: String): void
+getLastName(): String
+setLastName(lastName: String): void
+getPassword(): String
+setPassword(password: String): void
+getUserName(): String
+setUserName(userName: String): void

SalesReport

+PurchaseReceipt purchaseReceipt

+SalesReport(purchaseTotal: double, receiptId: int, receiptDate: localDate, Ticket tickets)

PurchaseReceipt

+purchaseTotal: double
+receiptId: int
+receiptDate: localDate
+Ticket tickets

Ticket

-ticketNumber: int
+Show show

+Ticket()
+Ticket(ticketSaleNumber: int, projection: Show, ticketsSoldNumber: int, totalPrice: double)
+getTicketSaleNumber(): int
+getProjection(): Show
+getTicketsSoldNumber(): int
+getTotalPrice(): double
+setTotalPrice(price: double): void
+calculateTotalPrice(): void
+toString(): String

Seats

-seatRow: int
-seatNumber: int
-availability: boolean
+seatPrice: double

+getSeatID(): String
+setSeatID(SeatID: String): void
+getSeatRow(): int
+setSeatRow(seatRow: int): void
+getSeat_Number(): int
+setSeat_Number(seat_Number: int): void
+getSeatState(): boolean
+setSeatState(seatSate: boolean): void

+1...*
+0...*

UserCostumer

+User(firstName: String, lastName: String, password: String, userName: String)

UserAdmin

+User(firstName: String, lastName: String, password: String, userName: String)

+1..*

+0...*

Movie

-movieName: String
-mainActor: String
-synopsis: String
-duration: int
+movieID: String

+Movie()
+Movie(movieId: String, movieName: String, actor: String, synopsis: String, duration: Int)
+getMovieName(): String
+setMovieName(movieName: String): void
+getActor(): String
+setActor(secondActor: String): void
+getSynopsis(): String
+setSynopsis(synopsis: String): void
+getDuration(): int
+setDuration(duration: int): void
+getMovieID(): String
+setMovieID(movieID: String): void

Show

-showID: String
-date: String
-hour: String
+Movie movie
+CinemaRoom cinemaRoom

+Projection()
+Projection(showID: String, date: String, hour: String)
+getShowID(): String
+setShow(): String
+getDate(): String
+setDate(): String
+getHour(): String
+setHour(): String

CinemaRoom

-roomID: char
-Seats seats

+0..*

+1...1

{Tag1=""}