



UML Diagram Functions

Private Functions:

- SetSeatOpen(seat number): sets a seat as open for customers to select
- SetSeatTaken(seat number): Sets a seat as taken by a customer
- SetMovie(name, time): Adds a movie and time to the database if the time slot is available
- SellTicket(): Sets ticket status to sold to keep track of sales
- PrintTicket(): Send you to a print page for the ticket
- RefundTicket(sale number): Starts the refund process for incorrectly sold ticket
- ShowPayPage(): Sends the user to the payment confirmation page
- ShowOpenSeats(): Shows the open seats on the screen
- ShowConfirmation(): Shows a confirmation prompt on the screen

Public Functions(for the user)”

- ViewOpenSeats(): Shows the user the available and taken seats
- ViewMovieTimes(): Shows the available movies and times to the user
- SelectSeat(): Enables the user to select a seat for their movie
- ConfirmSeat(): The user confirms the seat they selected is the right one

Private Data:

- Street
- City
- State
- Postal Code
- Card numbers
- Cardholder Name
- Security digits
- Bank Info: Contains information used to verify card and cardholder information