**Movie Ticket Booking System**

**Team Name:** Maya

**Team Members:**

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**Project Description:**

This system makes the movie booking process a lot easier, by this the user can simply choose the movie they want to watch this also helps the admins, they can easily add movies, cinemas, and tickets as well. Movie Ticket Booking System is a big help nowadays specially to those movie addicts they will no longer have a hard time just to watch favorite and latest movie. The system help both of the customers and admins.

**Features/Functionality:**

* Admin requires to login with username and password
* Admin can add movies, cinemas and tickets
* Customers are require to fill some basic information about them.
* Admins can view all the bookings.
* Only admins can view all book, all customer, and payments as well

**Scope and Limitation:**

The main scope of this project is to enable customers to choose the most desirable movie, it saves the customers time and labour. On the other hand, half of the tickets of the movie are provided for booking online while the remaining is for manual box office sale. This system can be accessed by anyone who has internet connection any time of the day or night, thus providing customers comfort and also plays a major role in promoting the latest movies. This system only capable of showing the latest and past movies the ticket price as well as the available cinemas. Only the admins can access to add movie, add tickets and cinemas. Customers can only make reservations.

**Basic Classes:**

* Cinema, Movie, Ticket, Customer, Payment, Book.

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| **Movie** |
| -id: int  -title: String  -date: String  -desc: String  -cinema: Cinema  +Movie()  +Movie(id: int, title: String, date: String, desc: String, cinema: Cinema)  +getId(): int  +getTitle(): String  +getDate(): String  +getDesc(): String  +getCinema(): Cinema  +setId(id: int): void  +setTitle(title: String): void  +setDate(date: String): void  +setDesc(desc: String): void  +setCinema(cinema: Cinema): void  +print(): void  +add(): Boolean  +get(searchID: int): Movie  +viewAll(): void  +printRow(): void |

**Class Diagram:**

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| **Cinema** |
| -id: int  -cin\_Name: String  -Cinema()  +Cinema(id: int, cin\_Name: String)  +getID(): int  +getCin\_Name(): String  +setID(id: int): void  +setCin\_name(cin\_Name: String): void  +print(): void  +add(): boolean  +get(searchID: int): Cinema  +viewAll(): void  +printRow(): void |

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| **Ticket** |
| -id: int  -price: int  -movie: Movie  +Ticket()  +Ticket(id: int, price: int, movie: Movie)  +getId(): int  +getPrice(): int  +getMovie(): Movie  +setId(id: int): void  +setPrice(price: int): void  +setMovie(movie: Movie): void  +print(): void  +add(): Boolean  +get(searchID: int): Ticket  +viewAll(): void  +printRow(): void |

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| Payment |
| -id: int  -payment: int  -seat: int  -date: String  -customer: Customer  +Payment()  +Payment(id: int, payment: int, seat: int, date: String, customer: Customer)  +getId(): int  +getPayment(): int  +getSeat(): int  +getDate(): String  +getCustomer(): Customer  +setId(id: int): void  +setPayment(payment: int): void  +setSeat(seat: int): void  +setDate(date: String): void  +setCustomer(customer: Customer): void  +print(): void  +add(): Boolean  +get(searchID: int): Payment  +viewAll(): void  +printRow(): void |

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| **Customer** |
| -id: int  -name: String  -email: String  -gender: String  +Customer()  +Customer(id: int, ,name: String, email: String, gender: String)  +getId(): int  +getName(): String  +getEmail(): String  +getGender(): String  +setId(id: int): void  +setName(name: String): void  +setEmail(email: String): void  +setGender(gender: String): void  +print(): void  +add(): boolean  +get(searchID: int): Customer  +viewAll(): void  +printRow(): void |

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| **Book** |
| -id: int  -date: String  -payment: Payment  +Book()  +Book(id: int, date: String, payment: Payment)  +getId(): int  +getDate(): String  +getPayment(): Payment  +setId(id: int): void  +setDate(date: String): void  +setPayment(payment: Payment): void  +print(): void  +add(): boolean  +get(searchID: int): Book  +viewAll(): void  +printRow(): void |

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**Team Member Contribution:**

* Patricia Namoro
  + Mostly code and debug the system
  + Use her laptop to make the system
  + Seek to ask help to others of the group to make the system
* Kenneth Tagum
  + Documentation
  + Add codes and debug the system
  + Class Diagram
* Kassandra Penolio
  + Organize the relationships of the classes
  + Suggest and help to make documentation
  + Seek to ask help on others and check the system

**Sample Runs:**













