Team 1

Name: Entertainment Developers

Project’s Name: Cinema Box Office (Online)

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Objects

1. Room OK

a. Attributes

* numberRoom : int
* numberSeats : int
* formatRoom : String
* priceTypeRoom : float

2. Ticket. OK

a. Attributes

* key : int
* seat : String
* movie : Movie
* room : Room
* priceTicket : float

b. Method

+ showTicketData()

3. Billboard OK

a. Attributes

- room : Room

- admin : Admin

b. Methods

+ showListMovies()

+ showPromotions()

+ showPriceRoomAndSeat()

+ choosePromotion()

+ chooseMovie()

+ chooseSeat()

+ generateTicket()

4. Schedule X

5. Seat OK

a. Attributes

- seatType : String

- priceSeat : float

- priceSeatVIP : float

- numberSeat : String

6. Movie OK

a. Attributes

- title : String

- duration : String

- gender : String

- priceMovie : float

b. Method

+ showDataMovie()

7. Customer OK

a. Attributes

- id : int

- name : String

- age : int

b. Method

+ enterBillboard()

+ exitBillboard()

8. Payment OK

a. Attributes

- customer : Customer

- card : String

b. Methods

+ pay()

+ cancelPay()

9. User X

10.Admin OK

a. Attributes

- userName : String

- keyUser : int

b. Methods

+ enterUser()

+ organizeMovieList()

+ organizePromotions()

+ exitUser()

11.Bill OK------

1. attributes

-name String

-nameMovie String

-hour double

-price double

-identificationCard int

-date double

-direction String

-id longInt

1. Methods

create(nameMovie String, hour double, price double, date double)

12. Menu X

13. Time X

14. Category X

15.Calendar X

16.Food OK -----

1. attributes

-name: String

-drink: String

-dessert: String

-salad: String

- sweet :String

- combo: String

1. Methods

create(combo Combo[], drink Drink[], salad Salad[], sweet Sweet[])

17. Purchase X

18.Presale OK

1. attributes

-movieInfo: Movie

-ticketInfo: Ticket

1. Methods

create(movieName: Movie[], ticketInfo: Ticket[]):Presale

19.Promotion OK

1. attributes

-movieInfo: Movie

-ticketInfo: Ticket

1. Methods

select(movieName: Movie, ticketInfo: Ticket):Promotion

20.Date X