

Team 1

Name: Entertainment Developers

Project's Name: Cinema Box Office (Online)

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Objects v1.2

1. CinemaRoom OK

a. Attributes

- roomNumbe : int
- roomFormat : String

2. Ticket. OK

a. Attributes

- code:int

3. MovieBillboard OK

a. Attributes

- date:Date
- price:float

4. Seat OK

a. Attributes

- seatNumber : String

5. Movie OK

a. Attributes

- title : String
- ageRestriction : String
- gender : String
- sinopsis : float

b. Method

- + consultMovies(filename:String):ArrayList<Movie>

6. Customer OK

a. Attributes

- age:int

b. Method

- + cinemaMenu()

7. PaymentCard OK

a. Attributes

- cardNumber:int

8.Admin OK

a. Attributes

- userName: String
- keyUser : String

b. Methods

- + manageCinema ()

9.Bill OK

a. attributes

- buyPrice:int

10.PromotionRecord OK

b. Methods

- recordPromotion(promotion:Promotion):boolean
- deletePromotion(promotion:Promotion):boolean

11.Person OK

a. attributes

- id:int
- name:String

12.BuyingTheMovie OK

a. Methods

- + chooseMovie()
- + generateTicket(cumberTickets:int): tickets:ArrayList<Ticket>
- + payForTicket(ticket:Ticket):Boolean
- + generateBill(bill:Bill):Boolean

13.MovieRecord OK

b. Methods

- + recordMovie (movie:Movie):boolean
- + deleteMovie(movie:Movie):Boolean

14.Admin OK

a. Attributes

- userName: String
- keyUser : String

b. Methods

- + manageCinema ()

15.Promotion OK

b. attributes

- promotionDescription:String

-promotionDate:Date
-promotionPrice:float

16. Cinema OK

a. Attributes

-openingDate:Date
-closingDate:Date

b. Method

+ showListBillboard(movie:ArrayList<Movie>):Boolean
+ showListMoviePremiere(premiers:ArrayList<Movie>):Boolean
+ showListNextPremiere(nextPremiers:ArrayList<Movie>):Boolean
+ showPromotion(promotions:ArrayList<Movie>):Boolean

17. InputDataValidationData OK

b. Method

+ getInt(String tilte, int numCharacter)
+ getString(title:String)
+ getYesOrNot(title:String)
+ getFloat(title:String)

18.MoviePremier OK

a. Attributes

-dates:ArrayList<Date>
-pricePremiere:float

19.MovieNextPremier OK

a. Attributes

-premiereDate:Date