

# Ticket

## BRIAN DTAKOETA PROJECT DESIGN

#type: String  
#movieName: String  
#rating: String  
#days: int  
#time: int  
#id: int  
#price: double

+ Ticket()  
+ Ticket(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ calculateTicketPrice(): double  
+ getID(): int  
+ setMovieName(movieName: String): void  
+ getRating(): String  
+ setRating(rating: String): void  
+ getDays(): int  
+ setDays(days: int): void  
+ getFormat(): Format  
+ setFormat(format: Format): void  
+ getTime(): int  
+ setTime(time: int): void  
+ getPrice(): double  
+ setPrice(price: double): void  
+ getId(): int  
+ setId(id: int): void  
+ toString(): String

MovieTicketManager  
+ createTicket() void  
+ deleteTicket() void  
+ MovieTicketManager()  
+ MovieTicketManager(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ addTicket(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ deleteTicket(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ getTicket(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ getMovieName(): String  
+ getRating(): String  
+ getDays(): int  
+ getFormat(): Format  
+ getTime(): int  
+ getPrice(): double  
+ getId(): int  
+ toString(): String

MovieTicketManagerInterface  
+ createTicket() void  
+ deleteTicket() void  
+ MovieTicketManagerInterface()  
+ MovieTicketManagerInterface(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ addTicket(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ deleteTicket(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ getTicket(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ getMovieName(): String  
+ getRating(): String  
+ getDays(): int  
+ getFormat(): Format  
+ getTime(): int  
+ getPrice(): double  
+ getId(): int  
+ toString(): String

+ Adult()  
+ Adult(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ calculateTicketPrice(): double  
+ getId(): int  
+ setId(id: int): void  
+ toString(): String

Child  
+ Child()  
+ Child(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ calculateTicketPrice(): double  
+ getId(): int  
+ setId(id: int): void  
+ toString(): String

MoviePass  
+ MoviePass()  
+ MoviePass(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ calculateTicketPrice(): double  
+ getId(): int  
+ setId(id: int): void  
+ toString(): String

Employee  
+ Employee()  
+ Employee(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ calculateTicketPrice(): double  
+ getId(): int  
+ setId(id: int): void  
+ toString(): String

FXMoviePass  
+ FXMoviePass()  
+ FXMoviePass(movieName: String, rating: String, days: int, format: Time, id: int, price: double)  
+ calculateTicketPrice(): double  
+ getId(): int  
+ setId(id: int): void  
+ toString(): String