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GitHub Link: https://github.com/jatr6994/csci4448-Project

Title: Online Movie Rental Service

MovieRentalService

User

+ userEmail: String
+ userType: enum UserType

+ signUpUser()

Customer

+ customerID: int
+ customerFirstName: String
+ customerLastName: String
+ customerBanned: boolean

+ deleteCustomer()
+ editCustomer()
+ logoutCustomer()

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Admin

+ adminID: int

+ banCustomer(customerID: int): boolean
+ addMovie(): Movie
+ deleteMovie(): Movie

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CreditCard

- customerID: int
- cardNumber: string
- cardExpMonth: int
- cardExpYear: int
- cardCCV: int
- cardZip: int

- addCreditCard()
- deleteCreditCard()
- editCreditCard()

Rental

- customerID: int
- movieID: int
- rentalBegins: date
- rentalEnds: date

+ addRental()
+ deleteRental()

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Checkout

- paymentType: CreditCard
- rentals: list<Rental>
- totalPrice: float

confirmCheckout(list<Movies>, totalPrice: float): boolean

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Movie

- movieID: int
- movieName: String
- movieYear: int
- movieGenre: eumn Genre
- movieDescription: String
- movieLength: String

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