Role Class

- role_id: int
- role_title: string
- role_description: string

- addRole()
- editRole()
- deleteRole()
- searchRole()
- assignRole()

Permission Class

- permission_id: int
- permission_role_id: int
- permisssion_title: string
- permission_module: string
- permission_description: string

- addPermission()
- editPermission()
- deletePermission()
- searchPermission()

Booking Class

- booking_id: int
- booking_type: string
- booking_description: string
- booking_title; string
- booking_ticket: string
- booking_date: string

- addBooking()
- editBooking()
- deleteBooking()
- searchBooking()

User Class

- user_id: int
- user_role_id: int
- user_name: string
- user_email;: string
- user_dob: date
- user_address: string

- addUser()
- editUser()
- deleteUser()
- searchUser()

Customer Class

- customer_id: int
- customer_username: sting
- customer_password: string
- customer_name: string
- customer_mobile: string
- customer_email: string
- customer_address: string

- addCustomer()
- editCustomer()
- deleteCustomer()
- searhcCustomer()

Movie Class

- movie_id: int
- movie_name: string
- movie_language: string
- movie_hours: string
- movie_type: string
- movie_description: string

- addMovie()
- editMovie()
- deleteMovie()
- searchMovie()

Payment Class

- payment_id: int
- payment_amount: int
- payment_description: string
- payment_customer_id: int
- payment_date: date

- addPayment()
- editPayment()
- deletePayment()
- searchPayment()

Shows Class

- show_id: int
- show_name: string
- show_title: string
- show_description: string
- show_type: string
- show_date: date

- addShow()
- editShow()
- deleteShow()
- searchShow()

Class Diagram of Cinema Booking System