## AdminController

```
+addCity( City ) : String
+addCust( Customer ) : String
+addLocaton( Location ) : String
```

+addMoney( Admin ) : String +addMovie( Movie ) : String

+addMultiplex( Multiplex ) : String +addTheatre( Theatre ) : String

+book( Book ) : String +cancelTicket( int ) : String

+changePassword( Admin ) : String +checkAvail( Availability ) : String

+createAuthenticationToken( AuthenticationRequest ): ResponseEntity

+deleteBooking( int ) : Strnig +deleteCity( int ) : String +deleteCust( int ) : String

+deleteLocation( int ) : String +deleteMovie( int ) : String +deleteMultiplex( int ) : String +deleteTheatre( int ) : String

+getBookings(): List<Booking>

+info() : String

+login( AuthenticationRequest ) : ResponseEntity

+logOut() : String

+searchbookingbyCid( int ) : List<Booking> +searchbookingbyId( int ) : List<Booking> +searchbookingbyMid( int ) : List<Booking> +searchcitybyId() : Optional<City>

+searchcitybyId(): Optional<City> +searchcitybyName( String ): List<City> +searchcustbyId( int ): List<Customer>

+searchcustbyName( int ) : List<Customer> +searchlocationCld( int ) : List<Location>

+searchlocationId( int ) : List<Location>

+searchlocationName( String ) : List<Location>

+searchmovieId( Movie ) : List<Movie>
+searchmoviebyCat( String ) : List<Movie>

+searchmoviebyGen( String ) : List<Movie> +searchmoviebyName( String ) : List<Movie>

+searchmultiplexId( int ) : List<Multiplex>

+searchmultiplexbyCid( City ) : List<Multiplex>

+searchmultiplexbyName( String ) : List<Multiplex>

+searchtheatrebyMid( int ) : List<Multiplex> +searchtheatrebyMvid( Movie ) : List<Multiplex>

+searchtheatrebyMxid( Multiplex ) : List<Multiplex>

+showBooking(): List<Booking>

+showCity(): List<City>

+showCust(): List<Customer> +showLocation(): List<Location>

+showMovies(): List<Movie>

+showMultiplex() : List<Multiplex>

+showTheatres(): List<Theatre>

+updateBooking( Booking, int ): String

+updateCity( City, int ) : String

+updateCust( Customer, int ) : String

+updateLocation( Location, int ) : String +updateMovie( Movie, int ) : String

+updateMultiplex( Multiplex, int ) : String

+updateTheatre( Theatre, int ) : String

## CustomerController

+addMoney( Customer ) : String

+book( Book ) : String +cancelTicket( int ) : String

+checkAvail( Availability ) : String

+forgotPassword( String ) : ResponseEntity

+getBookings(): List<Booking>

+info(): String +logOut(): String

+login( Customer ): String

+searchmoviebyCat( String ) : List<Movie> +searchmoviebyGen( String ) : List<Movie> +searchmoviebyLoc( String ) : List<Movie> +searchmoviebyName( String ) : List<Movie> +searchtheatrebyMid( int ) : List<Multiplex>

+showCity(): List<City> +showMovies(): List<Movie> +updateCust( Customer ): String

+validateOtp( String, String ): ResponseEntity

## GuestController

+checkAvail( Availability ) : String

+register( Customer ) : String

+searchmoviebyCat( String ) : List<Movie> +searchmoviebyGen( String ) : List<Movie> +searchmoviebyLoc( String ) : List<Movie> +searchmoviebyName( String ) : List<Movie> +searchtheatrebyMid( int ) : List<Multiplex>

+showCity(): List<City> +showMovies(): List<Movie> +welcome(): String

## SuperAdminController

+addAdmin( Admin ) : String

+changePwd( SuperAdmin ): String

+deleteBooking( int ) : Strnig

+deleteCust( int ) : String

+logOut() : String

+login( SuperAdmin ) : String

+searchadminbyId( int ) : List<Admin>

+searchadminbyName( String ) : List<Admin> +searchbookingbyCid( int ) : List<Booking>

+searchbookingbyId( int ): List<Booking> +searchbookingbyMid( int ): List<Booking>

+showAdmin(): List<Admin> +showBooking(): List<Booking>

+updateAdmin( Admin, int ): String