Group No.: 2

Project Name – Ticket-In-Hand

**Overview of Project**

* The Ticket-In-Hand application will be built on top of a REST API using Spring Boot.
* Ticket-In-Hand is the online entertainment ticketing portal in India.
* It provides consumers information and online ticketing for movies.
* Application also provides the account service for user to create an account and login service.
* We also have search service where user can search movie as per his choice.
* After booking, we will have to go through the Payment Gateway (service).
* Online payment is used for Payment Gateway, where we provide information about our bank account and pay for booking.
* We can also cancel the ticket which we have booked after payment. If we cancel the order after payment, we will get refund.

**To implement the application we mostly focused on below services**

**User Services –**

1. **Registration:** User credentials will be validated and saved to the database.
2. **Sign In:** User credentials will be validated and the profile will be logged in.
3. **Sign Out:** User profile will be logged out.

**Booking Service –**

**1) Book Ticket:** User have to login first to book a ticket. Then, it will select the no. of seats to book and timings of the show.

**2) Cancel Ticket:** Ticket will be cancelled and the cash will be refunded within certain period of time.

**Search –**

1. **Movie:** Searching for the particular movie by n
2. **Theatre:**
3. **Ticket:**
4. **Available Seats**

**Transactions –**

1) Booking Ticket (Withdraw Money From Bank Account)

2) Refund (Deposit Money To Bank Account)

**User Interface**