

# **SOFTABLITZ ABSTRACT**

## **Team Details**

### **1. Team name:** Deathly Hallows

#### a. Member 1

- i. Name: Deepesh Rathi
- ii. Reg number: 20194066
- iii. Contact: 7066715904

#### b. Member 2

- i. Name: Atharva Verma
- ii. Reg. number: 20194080
- iii. Contact: 7247488396

#### c. Member 3

- i. Name: Aditya Darji
- ii. Reg. Number: 20194008
- iii. Contact: 7990701496

# **Project 1**

## **1. Problem Statement Chosen:** Lockdown Traveller

## **2. Features you are implementing:**

### **User:**

1. Will be able to sign up, login and logout.
2. Will be able to see trains between source and destination.
3. Could see availability of seats(in different classes like AC,sleeper..)
4. Can give Berth preference (upper / lower / middle / side upper / side lower) and other passenger details and request to book tickets.
5. Can cancel their bookings.
6. Can see cancelled and rerouted trains.
7. Can see his booking history and upcoming travels.

### **Admin:**

8. Maintain customer information.
9. Maintain trains information(source, destination, time, stops etc).
10. Book seats and send tickets to users.
11. Maintain current seats in trains.
12. Add and remove trains.

13. Add and remove seats/Coaches in trains.
14. Cancel trains.

### **Advanced Features:**

1. Notify users of their upcoming journey a couple of hours before the scheduled time.
2. Dynamic Pricing on some Special trains.
3. Cancel and reroute trains for a certain duration.
4. Display the probable halting Platform No. of the trains at stations/junctions.
5. Book meals during a journey.
6. Tatkal, special and senior citizen quota for tickets.
7. Female travellers are allotted seats nearby if they are travelling alone.
8. Users get notification for offers and train cancellations or reroutes.
9. Have a chat feature to handle complaints from users.

### **3. Project github link:**

<https://github.com/dprathi/Deathly-Hallows.git>