**RAILWAY RESERVATION MANAGEMENT SYSTEM**

**PROBLEM STATEMENT**

A Software has to be developed for automating the manual railway reservation system. The system should have the following functionalities as described below:

**1.** **LOGIN**:- Only the registered user with the specified login id and password can get access to the system. This provides security from the unauthorized access.

**2.** **RESERVE TICKET**:- A passenger/user should be able to reserve a seat in the train specified by him if available. To book a ticket, the user has to fill a reservation form with the details about the journey. The form includes all details including name, gender, birth date, irctc id, password, email id, aadhar card no., mobile no., city, state & pincode. The passenger is asked to pay the ticket fair and after payment the passenger’s ticket is booked.

**3.** **VIEW RESERVATION STATUS AND TRAIN SCHEDULE**:- All the users should be able to see the information about the reservation status and train schedule, train name, train no., etc.

**4. CANCEL RESERVATION**:- There may arise a case when the passenger wants to cancel his/her reservation. For this he/she has to fill the cancellation form providing all the details about the ticket reserved by him/her. The form includes ticket no., irctc id and password. The clerk then checks for the entries from the database and cancels the reservation.