**Railways Management system**

**PROBLEM STATEMENT:** Due to the drastic increase in the commuters all around the country, the load on the current railway system has grown exponentially, and also the uproar of the Covid pandemic has called for the need of establishing an automated and minimal contact railway reservation service.

**SOLUTION:** To resolve this, our team has come up with our own “Railways\_Mangement\_System”, an online railway reservation platform. This system will make the ticket reservation services of railways much more efficient and user friendly.

The purpose of this system is to manage the train ticket booking, departure and arrival of trains, and other related enquiries.

User rights:

* Enquire about the train’s departure and arrival time and place.
* Book a ticket or multiple tickets according to the source and destination location.
* Can check the availability of seats
* Get digital ticket containing all the essential info. to board the trains.
* Can cancel their booking and get a refund.

Constraints/limits:

* Users cannot track the train’s live location.
* A train will have only two stations, departing and arriving station.
* No special reservation for any special category.

Software involved:

* HTML, JAVA-SCRIPT, CSS for Front-end of the system.
* NODE for the Back-end
* MySQL for the storage of the database and running queries.