README

- Following technologies are used for making of this app
 - o Frontend-ReactJS
 - Backend- NodeJS, Express
 - o Database- MySQL
- Backend
 - o APIs
 - /getTrainsInfo To get a List of all trains from a given city to another on a given date.
 - /bookTicket- To book multiple seats for a passenger for a given trainNo, source, destination, date
 - /checkSeatInfo To check how many seats are available for a given train and date
 - Auth routes (/login, /register)- user can login and register
 - To handle multiple users booking ticket at same time, database transaction and locks have been used.
 - o Database table with their schema is on the next page
 - o Booking route is protected, if a user is login then only he can use it.
- For searching the trains you can use the following data

User Credentials:

email: test134@gmail.com

password: password123

Train 1-

Stops:- MMCT, ADI, SUNR, RJT, HAPA

Train 2

Stops:- MMCT, ADI, SUNR

For testing, one can only book tickets starting from today to 08/04/2022 and cannot book ticket of previous day

- If one searches train from between the stops then also these trains are displayed.
- If one reverse the (from-to) stations, then it does not show these trains as it is different route.
- One can book a maximum of 6 seats at time and see bookings from my bookings.







