Online Railways Reservation system is a great boon to all of us. Now a days it is very easy to book a ticket within few seconds.

Given below is a case study of a part of **Indian Railway Catering and Tourism Corporation**, with the help of which we are going to work on this **DBMS** project **“Online Railways Reservation system”**

**CASE STUDY**

* Train has a unique train\_No and train\_Name.
* A train has Different Coaches.
* Coach has its type, name, number and rate per seat.
* Train starts from a particular station n ends at a particular station, but many trains can start from a particular station and many trains can end at a particular station.
* A station has a unique ID and a name.
* User has a unique ID (e-mail), a Password, a name (first and last name), can have more than one contact numbers, Address, Date of Birth.
* A user inserts booking details.
* A user can book ticket for many passengers.
* Booking details have name, Gender, age, berth Preferencen, train no, Boarding station and destination station.
* A ticket is generated with the entered booking details.
* Ticket will have a unique PNR and it status (i.e. CNF/WL/RAC etc...)
* A ticket can have more than one seats reserved according to the respective booking details.
* A ticket has seats allotted to passengers with Allotted Berth, Coach No., P name and Seat no.
* Berth is allocated by checking the gender and age of respective passengers.