

15/04/22

6) Railway Reservation System

Problem statement:

Railway Reservation System is a system used for booking tickets over the internet. Any Customer can book tickets for different trains. The system should be standalone in nature. It should be designed to provide functionalities like booking tickets in which user should be able to apply tickets for any train, of any class. The software takes the current system date and time as date of issue and calculates the amount to be paid by the user. It also provides the functionality of cancellation of tickets.

The Use Cases of the System are:

- Admin can add new trains and supervise the bookings of tickets.
- The capacity of the train, that is the number of passengers that can be carried by each train should be specified.
- Railway station should have the name and details of the train passing through it.
- Passenger can login or signup and can book tickets for a particular train.
- Ticket has departure time, arrival time, start up and destination on it.
- Ticket can be booked in general or tatkal quota.
- Passengers can pay the ticket price online.