6. Railway Reservation System

Problem Statement

Railway reservation System is a system used for booking tickets over internet. Any Customer can book tickets for different trains. Software has to be developed for automating the manual reservation system of railway. The System should be standlons in nature. It should be designed to provide functionalities like booking of tickets in which a user should be able to applied for tickets of any train & any class.

Software requirement specification

- Each user should have a user id and a password. Record of the users of the System should be kept in the log file. Provision should be made for full backup of the system.

- The Customers can view the trains available at any day, the cost and number of tickets available for any train

- Customer can book a ticket if the tickets are available.

- Tickets can be booked in 2 ways by i-ticket or e-ticket.

- In case of i-ticket booking customer can book tickets online and tickets are Courierd. But in case of e-tickets booking and Cancelling tickets, customer himself has to take print of ticket but in both cases, amount for tickets are deducted from Customers account

- For cancellation of ticket, the customer has to go at reservation office then fill form and ask clerk to Cancel ticket and then refund should be transferred to their account.