

Project Description: Railway Management System

The proposed database project aims to develop a comprehensive Train Management System that facilitates the efficient handling of various aspects related to train operations, passenger management, ticketing, and related services.

- The train has a name and capacity.
- This railway system consists of 15 to 20 trains.
- Each train issues many tickets and may offer catering services of different types.
- The cost of Catering service varies according to the service type.
- A ticket has price that varies from place to place.
- A train delay history will be recorded. Each train can have 0, 1, or many entries considering how many times the train experiences delay.
- A passenger can Book ticket and complained about the service of the train.
- Passengers can view the ticket status and reservations.
- Multiple trains follow multiple schedules on multiple routes with source station and destination station.
- Each route passes multiple intermediate stations on it.
- Each station manages a lost and found department.
- The lost item can be claimed by the passenger from the station.
- Passengers can submit complaints. Each passenger can submit 0, 1, or more complaints.
- Complaints can be made related to tickets. Multiple complaints can be lodged per ticket.
- Status of the complaints can also be viewed by passenger.
- Each ticket is associated with one reservation.
- Each ticket tracks the status of that ticket.