

EX NO- 19

MINI PROJECT

CREATE A RAILWAY RESERVATION SYSTEM WITH THE FOLLOWING MODULES

- **Booking**
- **Cancellation**
- **Availability checking**
- **Prepare chart**

AIM

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RAILWAY RESERVATION SYSTEM

This project introduces Railway Reservation System. Railway ticket booking system software projects main aim is to provide a secure and easy way to book train tickets. This project is developed in Visual Basic 6.0 language and Microsoft Access Database. This RAILWAY RESERVATION MANAGEMENT SYSTEM should be able to manage all the reservation related functions.

PURPOSE:

The purpose of Railway Reservation System is a software application which provides the train timing details, reservation, billing and cancellation. Using these systems Ticket Counter and to know information about PNR status, seats availability and costs of each ticket, etc.

THIS SYSTEM IS DEVELOPED IN THREE CATEGORIES.

- Ticket Reservation
- Ticket Cancellation
- Status checking

MODULES

Admin Module

Train Details Module

Reservation Module

Billing Module

Cancellation Module

SOFTWARES USED TO DEVELOP

Railway reservation system application is developed using visual basic as a front end and Microsoft access as database which runs as back-end application.

FEATURES

- This application is an automated railway ticket booking system.
- First the Ticket counter clerk will check for availability for the seats in a particular train on a specified date of journey. If it is available the clerk will reserve seats.
- The administrator should be able to enter any change related to the train information like change in train name, number etc.
- The system should be able to reserve seat in a for a passenger.
- The system should be able to print the report like it should be able to generate reservation chart, train report, reservation ticket which will have train no and name, date of journey,

boarding station, destination station, person name, age, sex, total fare and a unique PNR no.

- The system should be able to cancel a reservation.
- The system should be able to print the cancellation ticket which will have total fare and the amount deducted.

OUTPUT

The screenshot shows a web browser window with the URL `localhost:8158/primary:Documents/Railway%20reservation%20system.%20`. The page title is "Railway Reservation System". Below the title is a horizontal menu bar with six blue buttons: "Train Details", "Reserve Ticket", "Cancel Ticket", "Check Status", "Billing / Ticket", and "Admin". The main content area has a heading "Welcome to the Automated Railway Reservation System" and a sub-instruction "Select an option from above to proceed."

The screenshot shows a sub-page titled "Train Details". At the top, there is a breadcrumb navigation bar with the text "Train Details". The main content area displays a table with two rows of train information:

Train No	Train Name	From	To	Departure	Arrival
101	Express A	City X	City Y	08:00	14:00
102	Express B	City Y	City Z	09:00	15:00

At the bottom of the page is a link "Back to Home".

Reserve Ticket

Reserve Ticket

Passenger Name:

Age:

Gender:

Train No:

Date of Journey:

From Station:

To Station:

Reserve Ticket

[Back to Home](#)

Cancel Ticket

Cancel Ticket

Enter PNR Number:

Cancel Ticket

[Back to Home](#)

Check Status

Check Reservation Status

Enter PNR Number:

Check Status

[Back to Home](#)

