

Synopsis on

“ Railway Reservation System ”.

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HISTORY

India plan for a rail system in India was first put forward in 1832, but no further steps were taken for more than a decade. In 1844, the Governor-General of India Lord Hardinge allowed private entrepreneurs to set up a rail system in India. Two new railway companies were created and the East India Company was asked to assist them. Interest from a lot of investors in the UK led to the rapid creation of a rail system over the next few years. Railways were first introduced to India in 1853. By 1947, the year of India's independence, there were forty-two rail systems. In 1951 the systems were nationalized as one unit, becoming one of the largest networks in the

world. IR operates both long distance and suburban rail systems on a multi-gauge network of broad, metre and narrow gauges. It also owns locomotive and coach production facilities. The first train in India became operational on 1851-12-22, and was used for the hauling of construction material in Roorkee. A few years later, on 1853-04-16, the first passenger train between Bori , Bunder ,Bombay and Thana covering a distance of 34 km (21 miles) was inaugurated, formally heralding the birth of railways in India.

INTRODUCTION

The Indian Railways (IR) carries about 5.5 lakh passengers in reserved accommodation everyday. The computerised Passenger Reservation System (PRS) facilitates booking and cancelling of tickets from any of the 4000 terminals (i.e PRS booking windows) all over the country. These tickets can be booked or cancelled for journeys commencing in any part of India and ending in any other

part with travel times as long as 72 hours and distance up to several thousand kilometers.

Railway Reservation System is develop for to automate the railway reservation system. It includes modules required to successfully operate railway reversion process smoothly. It has train master to add modify train information ,train schedule to enter train journey details include all the station name ,arrival time and departure time. It includes automatic fare calculation as per the distance between two station.

Reservation module consists of automatic seat no and coaches no allocations systems. Daily schedule for updating of not confirming seat an coach no. All master like train master, train schedule, reservation fees, cancellation fees charges can be modified individually fro front end and charges reflect in all modules immediately.

Therefore proposed “ Railway Reservation System ” has been designed to automate th process of railway for ticket reservation and back office activities. System can make the daily activities efficient and providing the fast response.

RAILWAY RESERVATION METHODS :

- ✓ Online Booking.
- ✓ Counter Booking.

- ✓ ONLINE BOOKING: This facility is given to general public by railway department. With the help of this facility people can book their tickets through internet, sitting in their home by a single click of the mouse. Using their credit card people can easily get their tickets done within minutes. There are certain charges for online booking as well.
- ✓ COUNTER BOOKING: This is oldest method of booking the ticket. The reservation counters are there a rail way departments from where people can get the tickets to their respective destinations. Nowadays there are various ticket counters, apart from railway station counters where tickets are available.

MAIN OBJECTIVES OF THE PROJECT :

- The acquisition and maintenance of a relational database with the help of hardware, communication network and software including system design.
- To assess the if system chosen in the project operates in an adequately controlled environment.
- Whether the application's control are adequate and if the system is in compliance with rules. Adequate security from possibilities of fraud.

Gantt Chart

Work done by “ Group Members ”	In which part which students has helped in making Project completed.
Workdone by Satyam Seth	I have done Java Script programme
Workdone by Dikshanth Sharma	I have done CSS programme
Workdone by Rahul Bhagat	I have done HTML programme

Gantt Chart

Division wise project completion .	How many days ?
✓ HTML Programme .	➤ 5 Days .
✓ CSS Programme .	➤ 4 Days .
✓ JAVA script Programme .	➤ 6 Days .
✓ Overall completion of the project “ Railway Reservation System ”.	➤ 15 Days.