Synopsis on

“Railway Reservation System”.

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**INRODUCTION**

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.

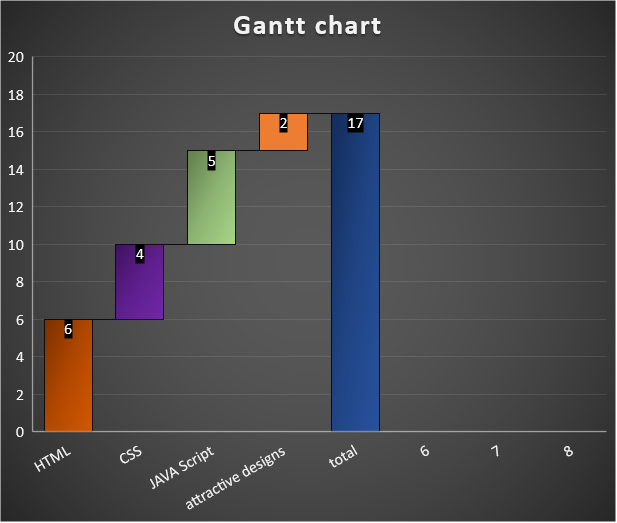
Therefore proposed “ Railway Reservation System ” has been designed to automate th process of railway for ticket reservation and back office activities. System can make the daily activities efficient and providing the fast response.

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 trail 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.

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