

Railway reservation system

- Group 9

Aim : The Railway Reservation System facilitates the passengers to enquire regarding the trains available on the idea of source and destination, Booking and Cancellation of tickets, enquire regarding the status of the reserved ticket, etc. The aim of case study is to style and develop a database maintaining the records of various trains, train status and passengers.

Abstract : The present railway system has few flaws. Tickets have been made available earlier than one month. so it has end up tough for the common people those who make tour plans in the final minute, they have been pressured to buy the ticket for higher rate which a normal middle class person can not afford.

Seat allotment is finished randomly besides for senior citizens. so in the new proposed system eighty percentage of the tickets may be made to be had 30 days previous to the journey and 15 percent tickets may be available earlier than 7 days and 5 percent tickets may be allotted for tatkal.

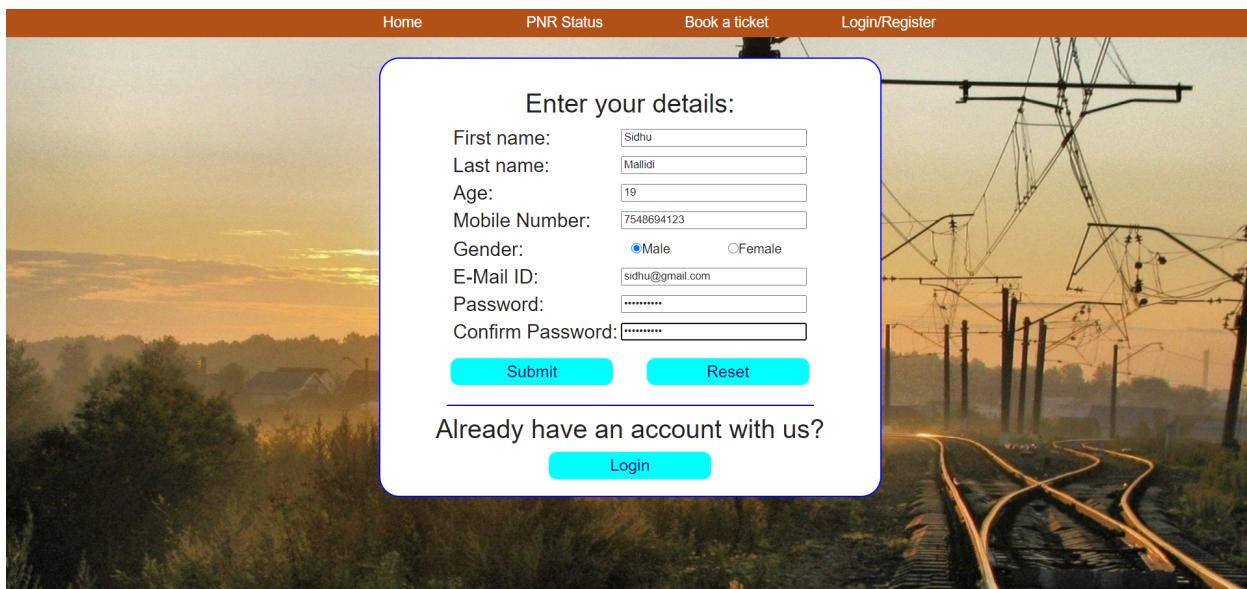
Technologies used : My sql, PHP , CSS

Algorithm :

- 1) The first page has login form. In which the admin can give the username and password. If you give wrong it shows an incorrect username or password in dialogue box. If it is correct it will directly go to the next page.
- 2) On the next page it has some buttons like “PNR status”, “Book a ticket”, “Home” and “login/register”.

- 3) If you click on Book a ticket it will show the train details and then select the train which you want to book and then the ticket will be booked.
- 4) If you click on PNR status it shows the which date and train you have booked.
- 5) The complete data which is train name, PNR no., Date is completely stored in database.

Sample Input :



Home PNR Status Book a ticket Login/Register

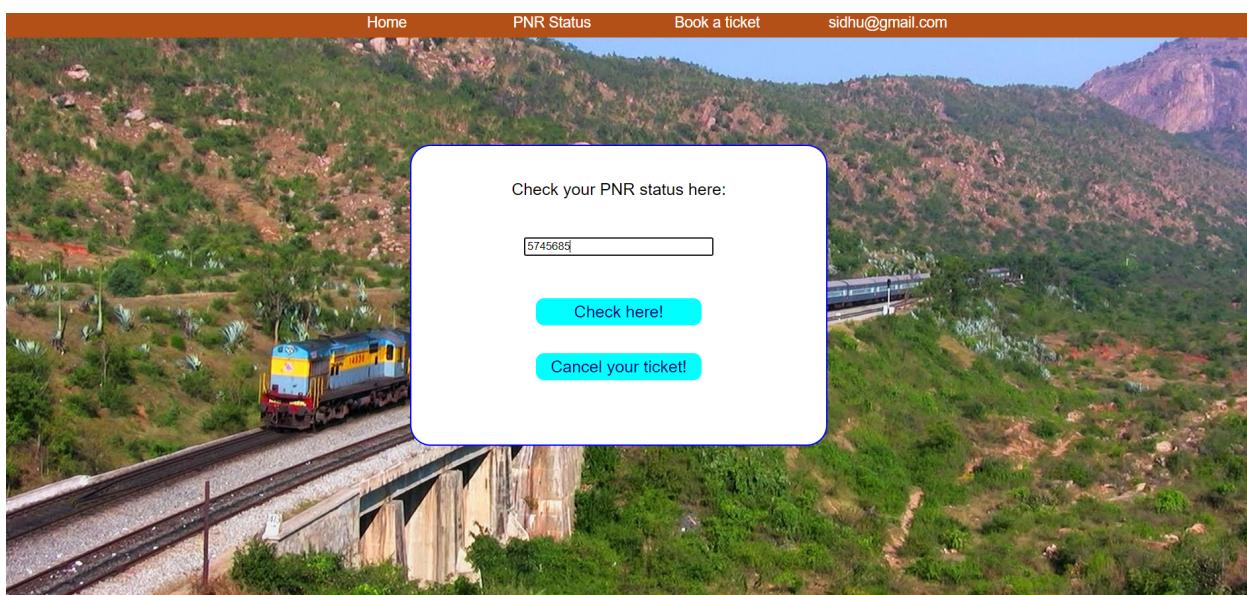
Enter your details:

First name:	<input type="text" value="Sidhu"/>
Last name:	<input type="text" value="Malidi"/>
Age:	<input type="text" value="19"/>
Mobile Number:	<input type="text" value="7548694123"/>
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female
E-Mail ID:	<input type="text" value="sidhu@gmail.com"/>
Password:	<input type="password" value="*****"/>
Confirm Password:	<input type="password" value="*****"/>

Submit **Reset**

Already have an account with us?

Login



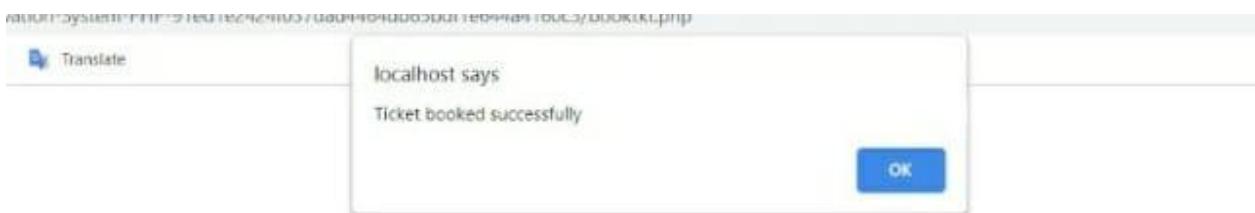
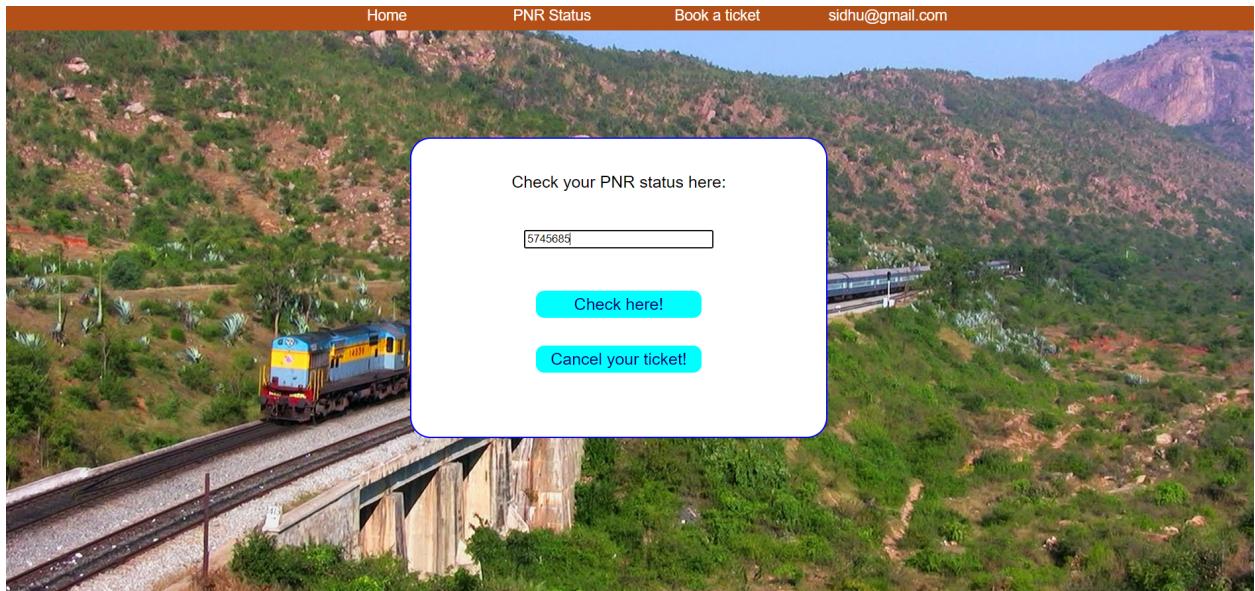
Home PNR Status Book a ticket sidhu@gmail.com

Check your PNR status here:

<input type="text" value="5745685"/>

Check here!

Cancel your ticket!



End User :

Passengers can book their tickets for the train in which seats are available. For this, passenger has to provide the desired train number and the date for which ticket is to be booked. Before booking a ticket for a passenger the validity of train number and booking date is checked. Once the train number and booking date are validated, it is checked whether the seat is available. If yes, the ticket is booked with confirm status and corresponding ticket ID is generated which is stored along with other details of the passenger. The ticket once booked can be cancelled at any time. For this, the passenger has to provide the ticket ID (the unique key). The ticket ID is searched and the corresponding record is deleted. With this, the first ticket with waiting status also gets confirmed

Conclusion : The main aim of developing Reservation system is to provide all information that is required by the users. User friendliness is a must that is the user must get the details without complicated searching procedures. Other important requirements of software are data security, extensibility and maintainability. All these features are included in this web application. The project greatly helped in understanding the various phases in website development.