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UNIVERSITY

SCHOOL OF COMPUTER SCIENCE & ENGINEERING
BACHELOR OF COMPUTER SCIENCE AND ENGINEERING
→ INTERNET PROGRAMMING LABORATORY ←
(COURSE CODE → CSE 326)

TOPIC →
Online Train/Flight Reservation System

SUBMITTED BY → {Group No. -- 17}

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Introduction ➔

Online Train/Flight Reservation System is a fully computerized system which will be enhancing the relationship between customers, agents, IRCTC, Airline agencies. A customer can reserve his/her ticket using this web facility without any difficulty. It is basically a different form of execution of online transactions in which the customers can reserve for tickets and can pay online for their ticket confirmation. A customer can also view his/her confirmation using log in and password which is for security purpose during reservation process. If customer needed to cancel his/ her reservation due to any reason, he/she can easily cancel out reservation with charges applied at anytime and anywhere through the access of internet.

Aim ➔

Our aim is to provide a better reservation system for the booking of Trains and Flights which is time efficient and also user friendly.

Objective ➔

Our objective is to create a computerized system which can used for both Train tickets and Flight tickets. in which customers can view their past and future booking by using their log in username and password. The structure of our web page is attractive and on the other hand it is very user friendly. We want to provide the better work efficiency, security for customers information database, accuracy, reliability and feasibility.

Languages We Will Be Using →

❖ HTML

- ✓ HTML makes up the layout and structure for your website.
- ✓ HTML is used to create a starting point for the website and is what most of web pages start from.

❖ CSS

- ✓ CSS is the language which is used to style a website.
- ✓ This style sheet language describes how your website is presented and its layout.
- ✓ CSS is used hand in hand with HTML to add colours, backgrounds, layouts, font styling and many more.
- ✓ CSS a core technology web developer use to design website.

❖ JavaScript

- ✓ JavaScript is used in many aspects of web development.
- ✓ Web developers use this language to add interactive elements to their websites.
- ✓ It is used to add dynamic content or actions to the website including animations, dynamic changing of content and controls the user involvement with website.

Modules of Website →

○ Login: -

In this module customers can login into their account using their respective user name and password and can go through their reservations.

- **Home: -**

On clicking on this module customers will be redirecting to the homepage irrespective of their current location on the web page.

- **Train Tickets: -**

By clicking on this module, customers can book the train tickets of their choice. Customers can explore and choose various feature under this tab.

- **Flight Tickets: -**

By going through this tab, customers can book flight tickets of their choice by exploring the various features provided by different airlines.

- **Contact Us: -**

With the help of this tab customers can get the contact numbers and helpline numbers of the System.

- **My Account: -**

In this module customer will be redirected to the page having personal details of customer and some more details about payments.

Requirements ➔

➤ Hardware: -

- Processor : Minimum 2 GHz
- RAM : 2 GB
- ROM : 20 GB is sufficient
- Monitor : 1024 X 768 or higher
- Keyboard : Any
- Mouse : Any

➤ **Software: -**

- OS : Win 7 or above and MAC OSX 10.8 or above
- Text Editor : Atom, Notepad++, Visual Studio
- Browser : Chrome 36+, etc.

Table Structure ➔

- Home
- Book Train Ticket
- Book Flight
- Contact Us
- My Account
- Log In /Sign Up

Webpage Structure ➔

<i>Home</i>	<i>Train Ticket</i>	<i>Flight Ticket</i>	<i>Contact Us</i>	<i>My Account</i>
	General	One Way Trip	Helpline Numbers	My Booking
	Tatkal	Round Trip	E-mail	Change Password
	Premium Tatkal			Log Out

Booking →

<i>Depart From</i>	<i>Going To</i>	<i>Departure Date</i>	<i>Return Date</i>	<i>No. of Traveller(s)</i>

<i>Payment</i>	
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Features →

- Passengers don't have to wait for a long time.
- Accuracy of information is more.
- Data efficiency is more.
- Customers can book anytime and anywhere through internet.
- Customers can login can manage their booking by own.

Conclusion →

Online Train/Flight reservation system allows the customer to book tickets of train and flight by choosing the departure place and going place and departure date and return date. Customers can make payment on the website itself of their reservations. They will get confirmation on the website itself after payment and will also get e-mail of that all. This system has been created keeping in mind the that this system will use by every person maybe he/she is not good with this stuff but they can surely do booking, because of this system flexibility and simplicity.