# PROFESSIONAL TRAINING REPORT

**At**

**Sathyabama Institute of Science and Technology**

### (DEEMED TO BE UNIVERSITY)

Submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering Degree in

Computer Science and Engineering By

**CHIMAKURTI PRAVEEN (Reg. No. 36110251)**



# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING SCHOOL OF COMPUTING

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY JEPPIAAR NAGAR, RAJIV GANDHI SALAI,**

**CHENNAI - 600119, TAMILNADU**

**MARCH 2019**

**SATHYABAMA**

**INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY)**

**Accredited with Grade “A” by NAAC**

**JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119**

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# SCHOOL OF COMPUTING BONAFIDE CERTIFICATE

This is to certify that this Professional Training Report is the bonafide work **CHIMAKURTI PRAVEEN** (**Reg.No.36110251**) who underwent the professional training in “ **IRCTC RAILWAY WEBSITE”** under our supervision from January 2019 to March 2019.

### Internal Guide Mrs.D.USHA NANDINI, M.E., (Ph.D.)

**Head of the Department**

**Dr. S.VIGNESHWARI, M.E., Ph.D.**



**Submitted for Viva voce Examination held on**

**Internal Examiner External Examiner**

**DECLARATION**

I, **CHIMAKURTI PRAVEEN**(**Reg.No.36110251**) hereby declare that the Professional Training Report on “**IRCTC RAILWAY WEBSITE”** done by me under the guidance of guide **Mrs. D.USHA NANDINI M.E.,(Ph.D.),**  professor, Dept of Computer Science and Engineering at Sathyabama Institute of science and technology is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in Computer Science and Engineering.

### DATE:

**PLACE: SIGNATURE OF THE CANDIDATE**

**ACKNOWLEDGEMENT**

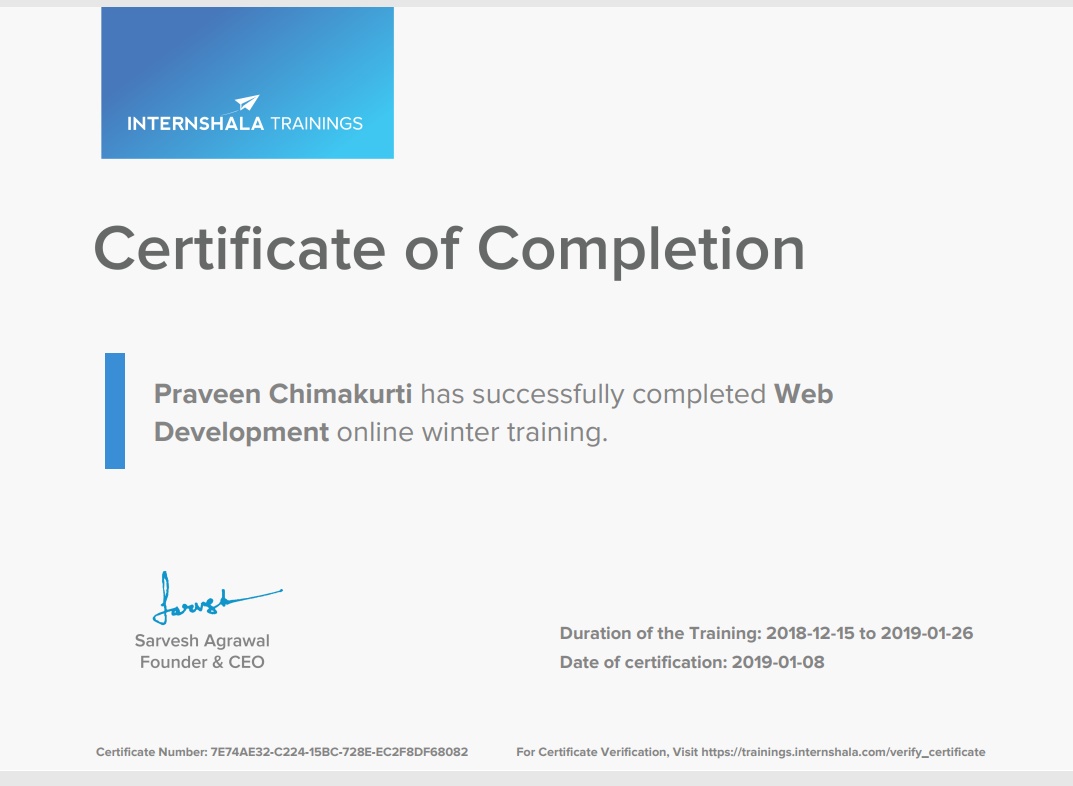
I am pleased to acknowledge my sincere thanks to Board of Management of **SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. S.VIGNESHWARI, M.E., Ph.D., Head of the Department, Dept. of Computer Science and Engineering** for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my Project Guide **Mrs. Dr.USHA NANDINI M.E.,(Ph.D)** for her valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project work.

I wish to express my thanks to all Teaching and Non-teaching staff members of the Department of **Computer Science and Engineering** who were helpful in many ways for the completion of the project.

# TRAINING CERTIFICATE

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**ABSTRACT**

The Indian Railway Catering and Tourism Corporation Limited (IRCTC) incorporated in the year 1999 was a public sector enterprise operating under the aegis of the Government of India. IRCTC was managing the catering, tourism and online ticketing operations for the Indian Railways. IRCTC commenced its operations on August 1st 2001 and was responsible for selling e-tickets, i-tickets and packaged drinking water 'Rail Neer' besides management of Food Plaza, Food Courts, and Fast Food units. IRCTC had the largest e-commerce portal in Asia Pacific. In 2008-09, the estimated gross sales of online tickets were $730 million. Even though IRCTC made creditable progress in its operations, complaints about the food quality by passengers resulted in framing the Railways Catering Policy of 2010 which stripped IRCTC of its mobile catering responsibilities. Consequently, IRCTC catered only to 39 trains out of the 300 trains catered earlier thereby incurring a loss of 200 million. But, IRCTC's involvement in other businesses such as electronic ticketing, Rail Neer business, Tourism, Food Plazas, Food Courts, and Fast Food units, helped in overcoming the losses from railway catering business to a great extent. It earned an income of about 150 million from corporate catering business in 2013 and a profit of 1.9 billion from the tourism section. In 2013, IRCTC sold 0.43 million tickets and supplied 0.41 million Rail Neer bottles every day. Rakesh Tandon, the Chairman & Managing Director of IRCTC was chosen as the best CEO in public sector during 'The Forbes India Leadership Awards 2013'. Under his leadership, IRCTC joined hands with Shop Online Trading Pvt Ltd (SOTPL) a franchisee of Yebhi.com in 2013 to expand its business base and initiated an e-commerce portal which would be powered by Yebhi.com. The case study would analyse IRCTC's supply chain and assess how it would utilize the existing supply chain to fuel further growth in its new business ventures.

This is a project with the objective to develop a basic website where a consumer is provided with a Booking and Train information application and also to know about the technologies used to develop such an application. This document will discuss each of the underlying technologies to create and implement an e-commerce website.This website will be useful to anyone who wants to purchase items using internet.

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**CHAPTER 1**

**INTRODUCTION**

### E-COMMERCE

E-commerce is fast gaining ground as an accepted and used business paradigm. More and more business houses are implementing websites providing functionality for performing commercial transactions over the web. It is reasonable to say that the process of Booking on the web is becoming commonplace.

### HTML (HYPERTEXT MARKUP LANGUAGE) What is HTML?

Hypertext Markup Language, a standardized system for tagging text files to achieve font, colour, graphic, and hyperlink effects on World Wide Web pages.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets. Tags such as <**img** /> and <**input** /> directly introduce content into the page. Other tags such as <**p**> surround and provide information about

document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page

HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), maintainer of both the HTML and the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

### CSS (CASCADING STYLE SHEETS) What is CSS?

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts.This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille- based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

### XAMPP

XAMPP is a free and open source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl

programming languages.XAMPP stands for Cross-Platform, Apache, MariaDB,

PHP and Perl. It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing and deployment purposes. Everything needed to set up a web server – server application (Apache), database (MariaDB), and scripting language (PHP) – is included in an extractable file. XAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows. Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server extremely easy as well.

### DATABASE

A database is an organized collection of data, stored and accessed electronically. Database designers typically organize the data to model aspects of reality in a way that supports processes requiring information, such as (for example) modelling the availability of rooms in hotels in a way that supports finding a hotel with vacancies.

A database-management system (DBMS) is a computer-software application that interacts with end-users, other applications, and the database itself to capture and analyze data. A general-purpose DBMS allows the definition, creation, querying, update, and administration of databases. A database is generally stored in a DBMS-specific format which is not portable, but different DBMSs can share data by using standards such as SQL and ODBC or JDBC.

Computer scientists may classify database-management systems according to the database models that they support. Relational databases became dominant in the 1980s. These model data as rows and columns in a series of tables, and the vast majority use SQL for writing and querying data. In the 2000s, non-relational databases became popular, referred to as NoSQL because they use different

query languages.

# CHAPTER 2 AIM AND SCOPE

### GOALS

The objective of this project is to develop a general purpose e-commerce Website where any kind of Service can be bought from the comfort of home through the internet. However, for implementation purposes, this paper will deal with an online Booking Travel Service for Holidays

### PROBLEM STATEMENT

The basic idea is that the candidates can book ticket from any where during anytime by using their card number and password provided to them. An online Website is a virtual store on the internet where customers can browse the Train details and select Trains on required Date. The selected tickets may be collected in a cart. At checkout time, the items in the cart will be presented as an Booking order. At that time more information will be needed to complete the transaction.

### PROPOSED SOLUTION

In an effort to fix the above addressed problems, we tried to design a system that would make the task of keeping the online booking, searching and delight task.

This system will include a website that will allow users to book the tickets needed. Each user will be required to register on the website; at registration time, the user should give his email which will be used to maintain the record of each unique user.

After logging into the system, a user can add the tickets that need to buy to the cart. The option to add other products to the cart is available to add more than one ticket to the list. The system also allows entering the check details. As soon as the entry is made about the ticket, the database is updated.

The database will update automatically when ever new ticket is added to the cart. The database will contain all the information about the users with their username and list of tickets that have booked.

### SOFTWARE & HARDWARE REQUIREMENTS

1.Netbeans 2.XAMPP

1. MINIMUM Internet Explorer 5.0 AND ABOVE, Google chrome, Mozilla Firefox etc. 3.Min. 1GB RAM.

# CHAPTER 3 DEVELOPMENT

### MODULES

A modularization consists of well-defined manageable units with welldefined interfaces among the units.

The project can be decomposed in following modules:

* + 1. **Login module:** This module is responsible for a registered user to login to the website and do the proceedings.
    2. **Singup module:** This module is responsible for registering a new user to the website and create a new account for him/her.
    3. **Cart:** This module is responsible for the list of tickets that have booked by the users.
    4. **Profile:** This module is consists of complete details for user, it can be accessed and organised by user.

### DATABASE DESIGN

* + 1. **DATABASE**

The database named as store for our e-commerce. For complete this e-commere we use effective 2 tables.

### USERS TABLE

User’s information is stored in this table. Attributes: 1. Id

1. email
2. Password
3. Contact
4. City address.

### USER\_COMPLAINTS TABLE

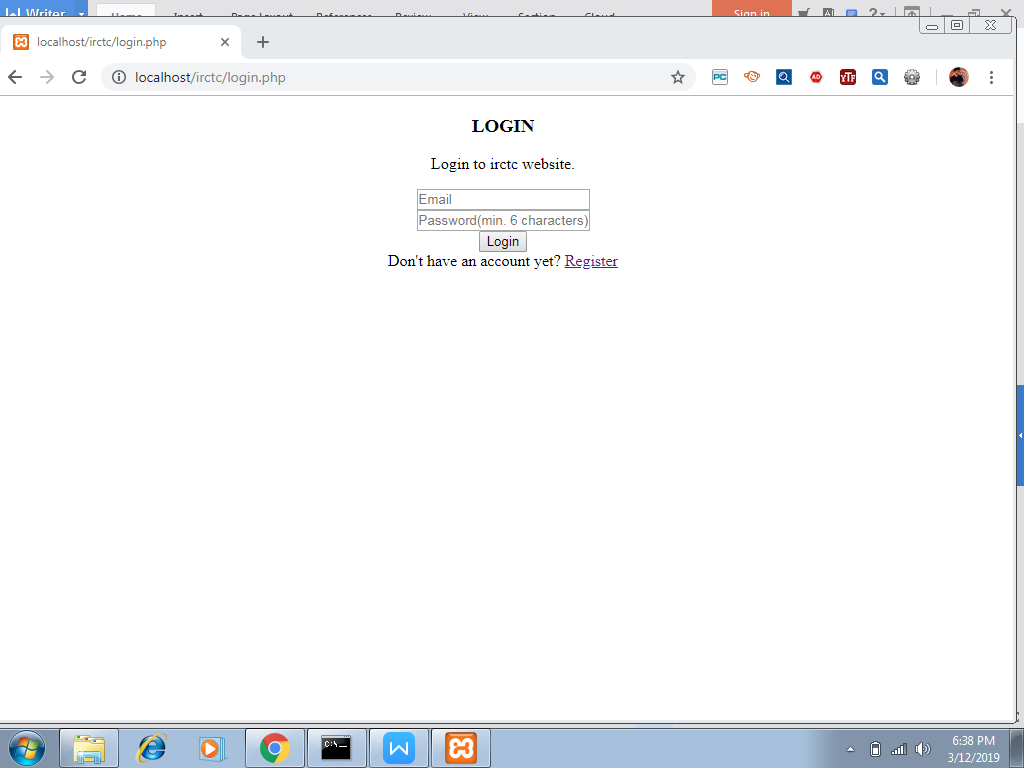
Table contains the information about the complaints that have send by the users. Attributes: 1. Id

1. name
2. Mobile Number
3. Type Of Complaint
4. Details Of Complaint

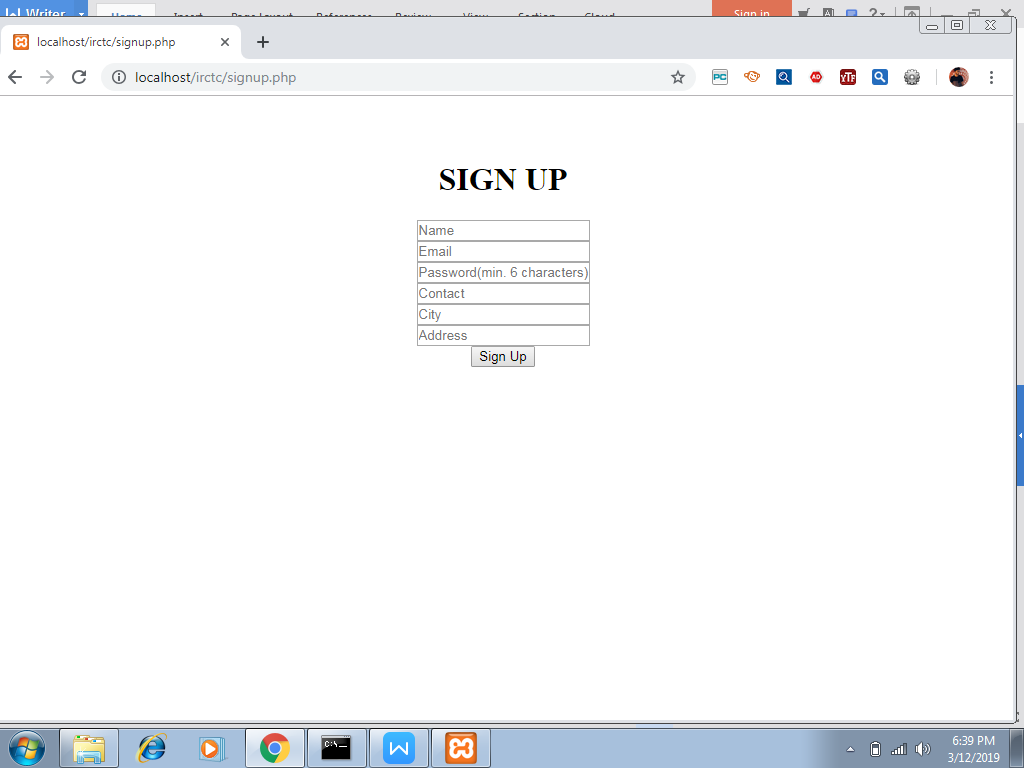
# CHAPTER 4 APPENDIX

* 1. **SCREEN SHOTS**

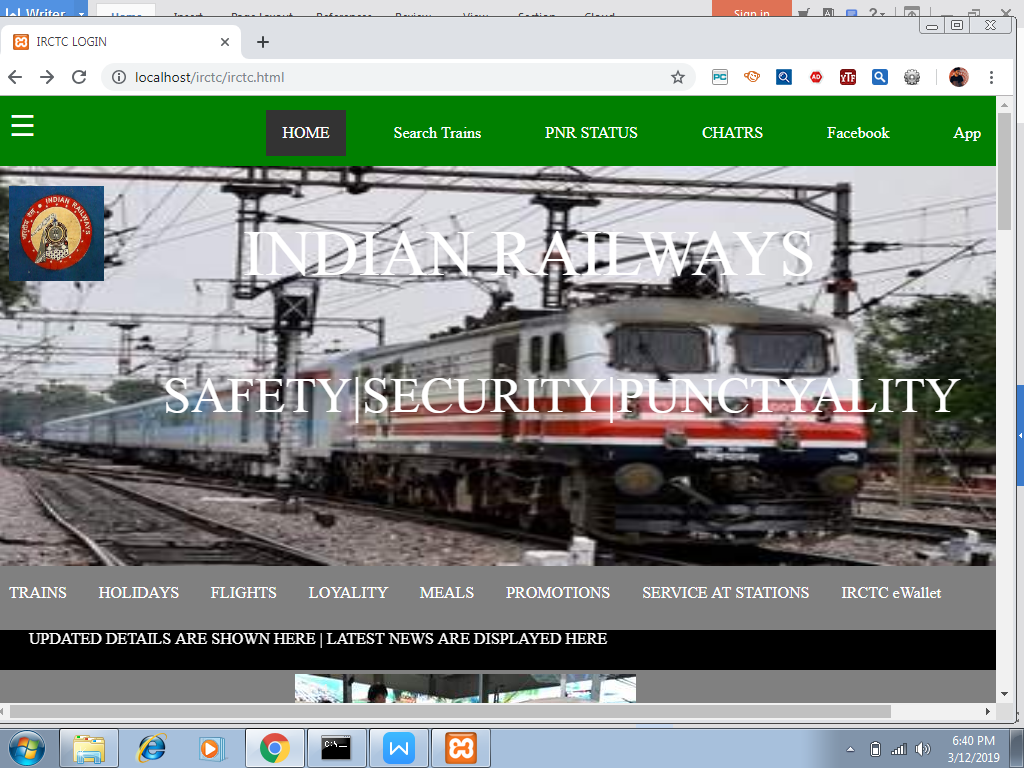
## *Login page:*

**

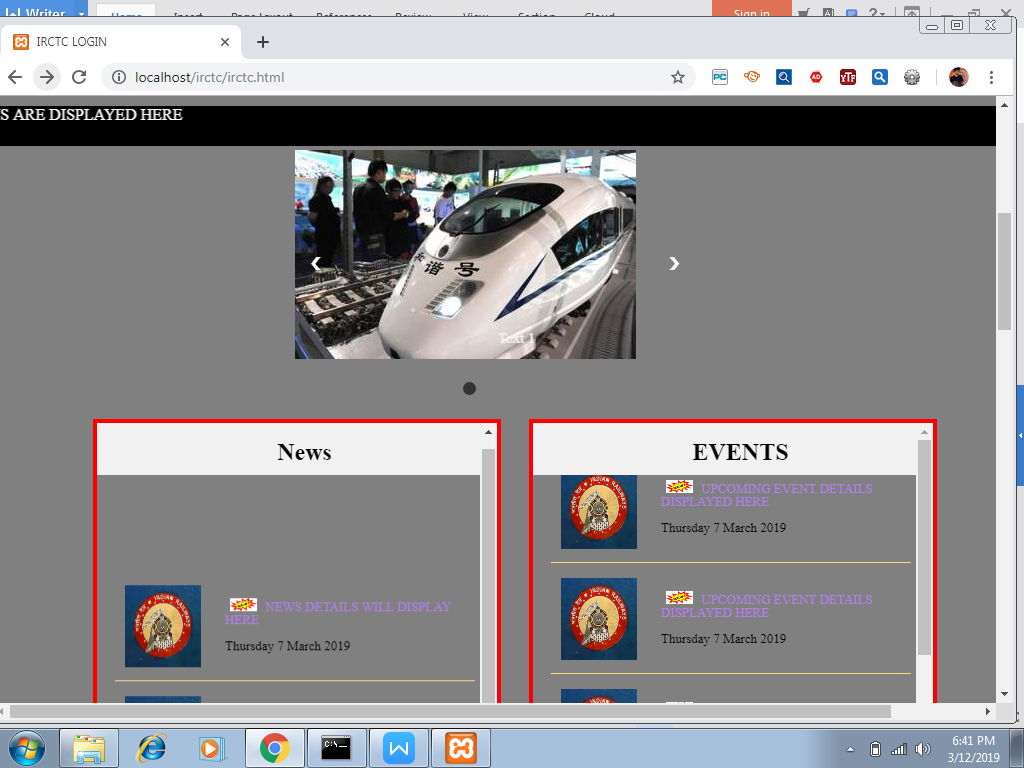
* + 1. *Singup page:*



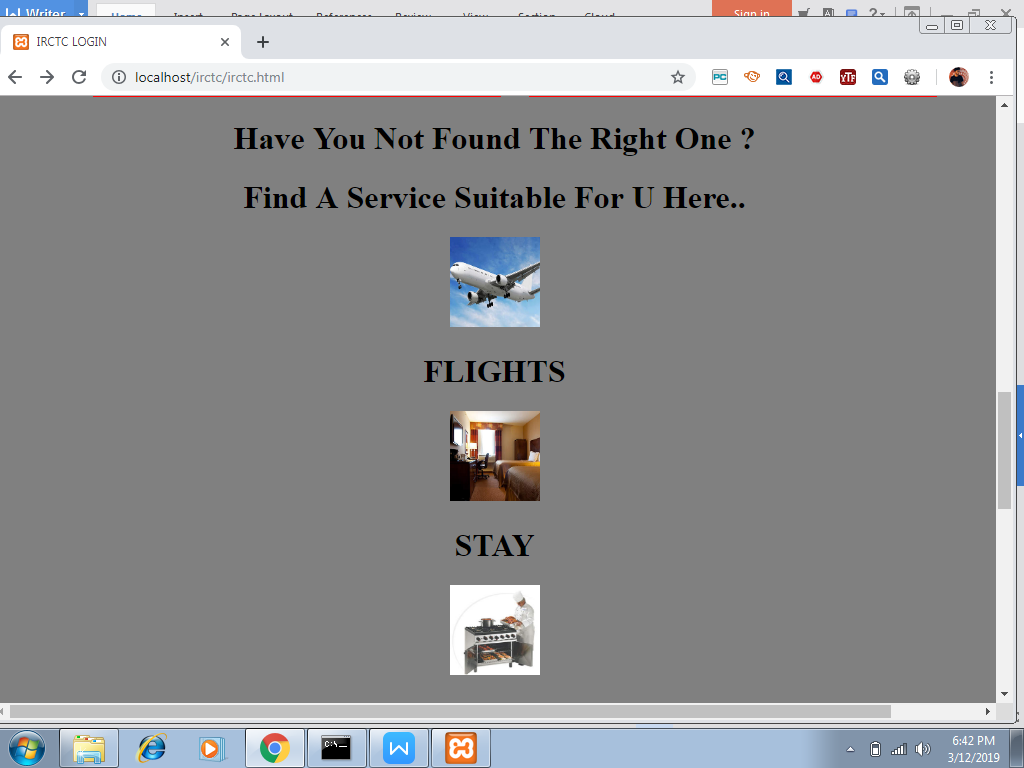
* + 1. *Index page1:*

**

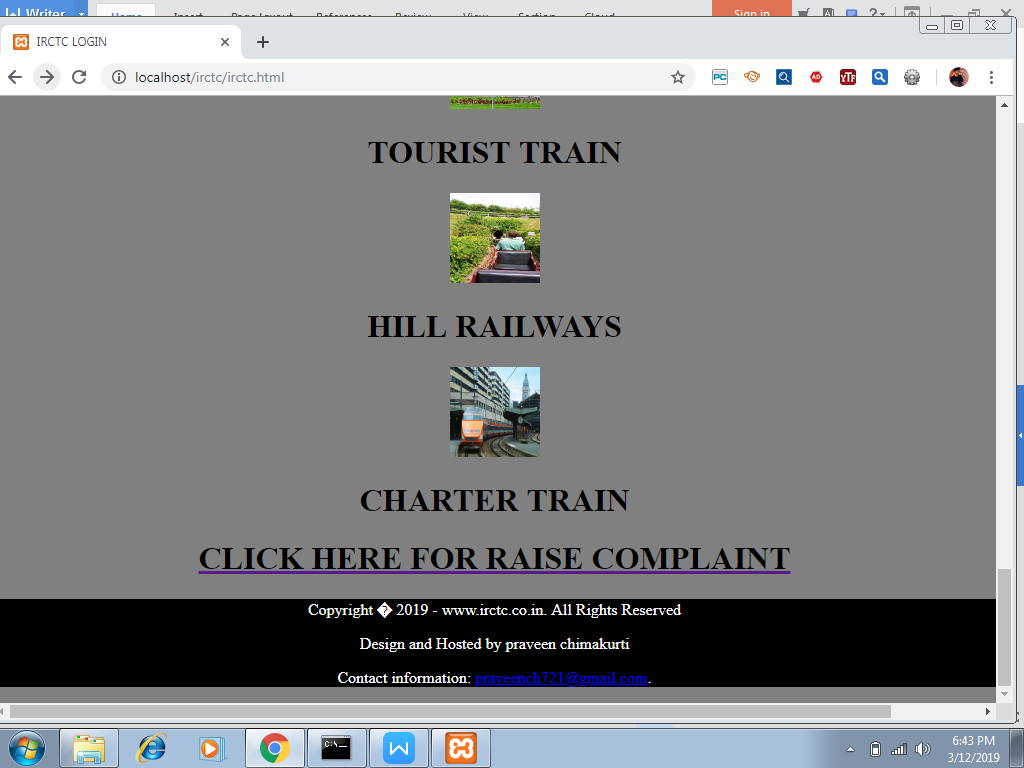
* + 1. *Index page2:*

**

* + 1. *index page3:*

**

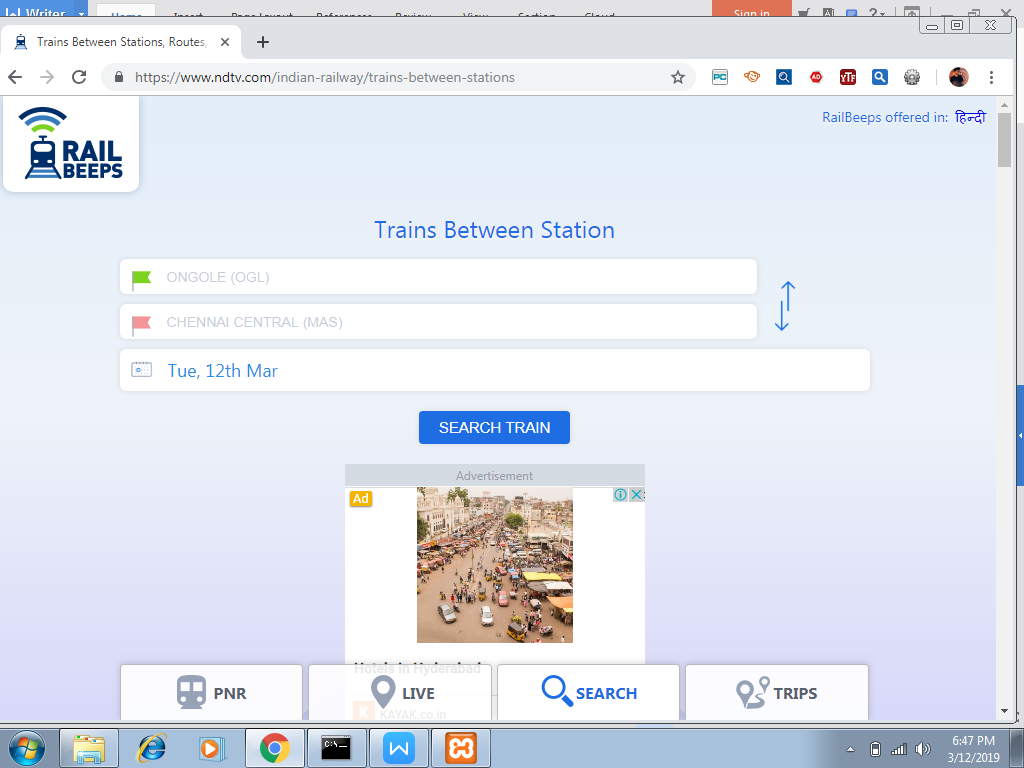
* + 1. *index page4:*



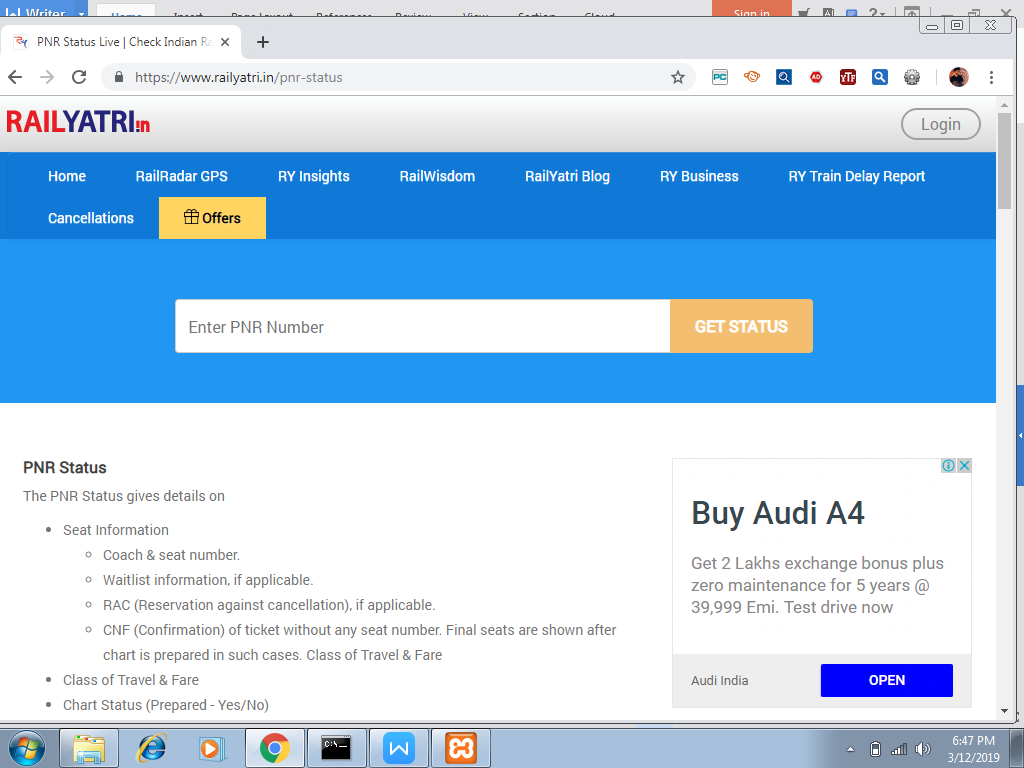
* + 1. *Gallery page :*

**

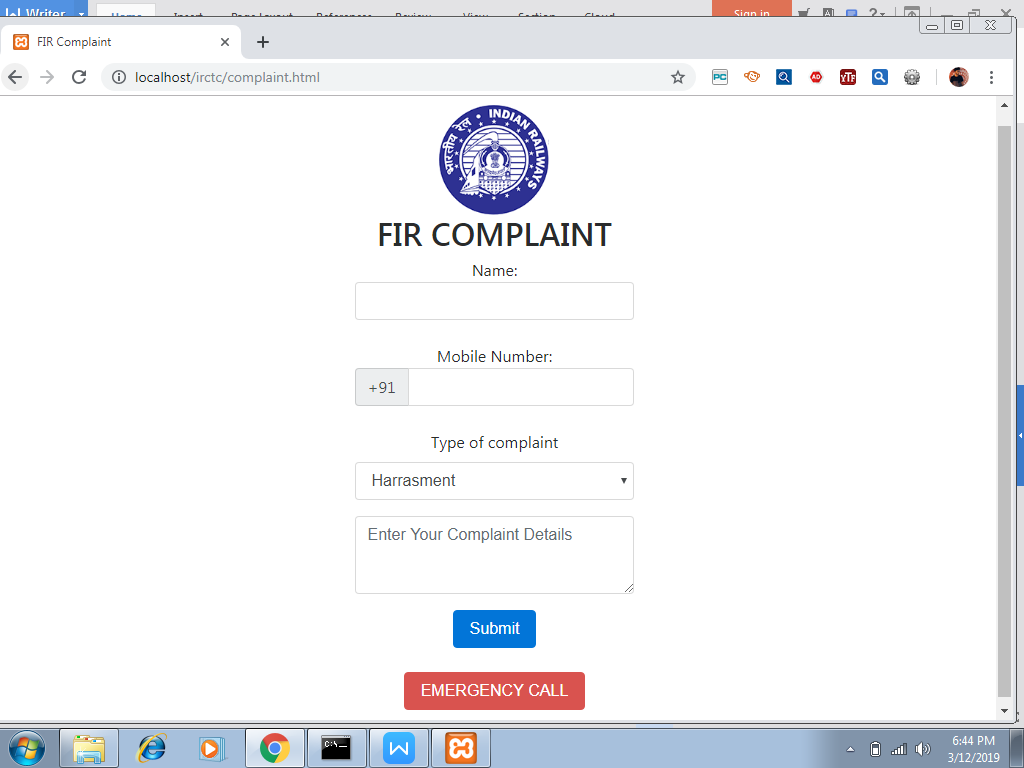
* + 1. *Search Train Page:*

**

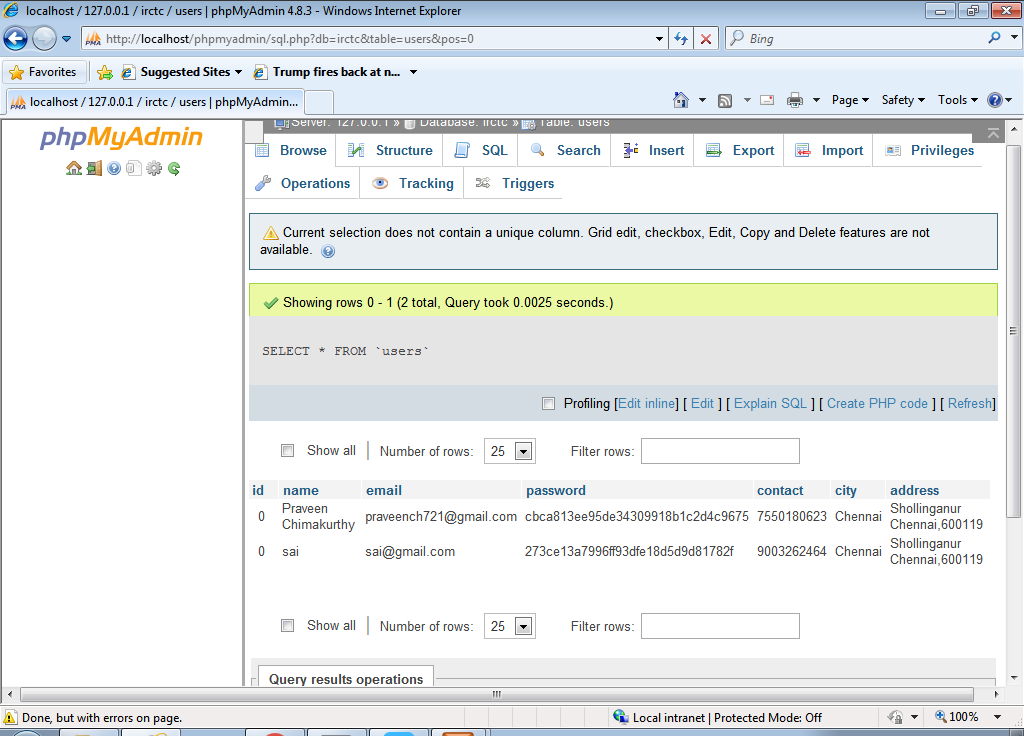
* + 1. *Pnr Status page:*

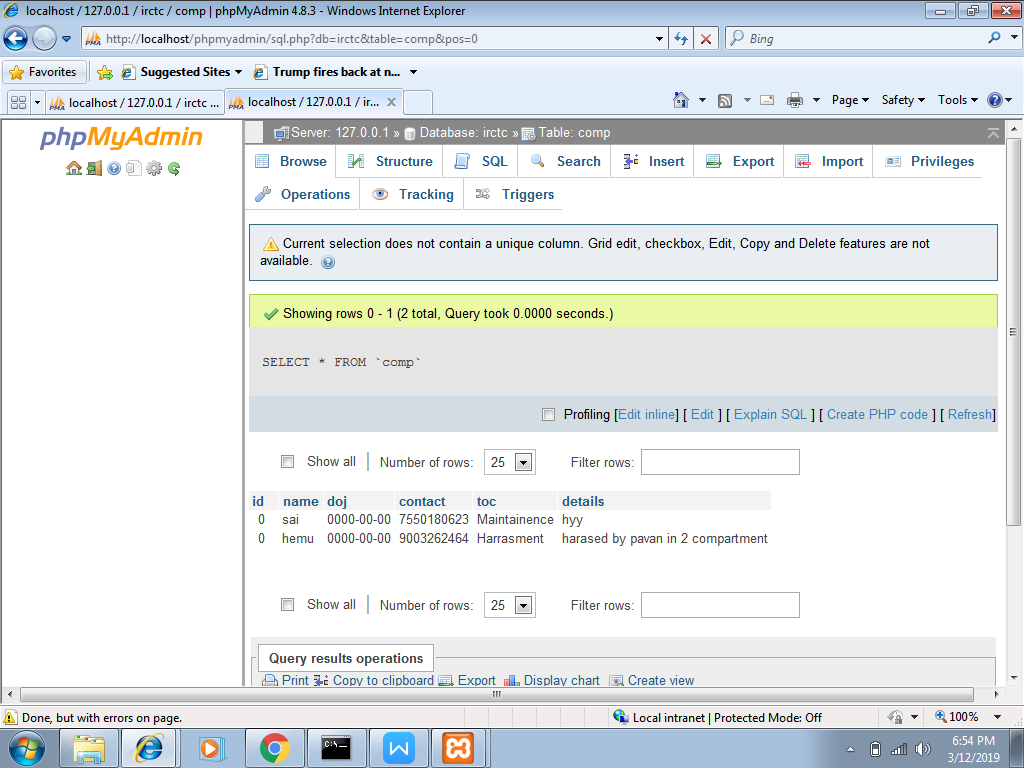
**

* + 1. *Complaint page:*

**

* + 1. *Database tables*

**

**

### SOURCE CODE

* + 1. *Irctc Index page :*

*<!doctype html>*

*<html lang="en">*

*<head>*

*<meta charset="utf-8">*

*<meta http-equiv="X-UA-Compatible" content="IE=edge">*

*<meta name="viewport" content="width=device-width, initial-scale=1">*

*<title>*

*IRCTC LOGIN*

*</title>*

*<style>*

*ul {*

*list-style-type: none;*

*margin: 0;*

*padding: 0;*

*overflow: hidden;*

*background-color: grey;*

*width:1020px;*

*height:60px;*

*}*

*ul.top1 {*

*list-style-type: none;*

*margin: 0;*

*padding: 0;*

*overflow: hidden;*

*background-color: green;*

*width:1020px;*

*height:70px;*

*}*

*li.bava{*

*float: right;*

*display:inline-block;*

*color: white;*

*border:3px white;*

*text-align: center;*

*margin:o;*

*padding: 14px 16px;*

*}*

*li {*

*float: left;*

*}*

*div.bum*

*{*

*position:relative;*

*top:20px;*

*left:100px;*

*}*

*div.chik*

*{*

*position:relative;*

*top:20px;*

*padding-left:50px;*

*}*

*li a, .dropbtn, .dropbtn1{*

*display: inline-block;*

*color: white;*

*text-align: center;*

*padding: 14px 16px;*

*text-decoration: none;*

*}*

*li a:hover, .dropdown:hover .dropbtn {*

*background-color: red;*

*}*

*li.dropdown {*

*display: inline-block;*

*}*

*.dropdown-content , .dropdown-content1 {*

*display: none;*

*position: absolute;*

*background-color: #f9f9f9;*

*min-width: 160px;*

*box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);*

*z-index: 1;*

*}*

*.dropdown-content a, .dropdown-content1 a {*

*color: black;*

*padding: 12px 16px;*

*text-decoration: none;*

*display: block;*

*text-align: left;*

*}*

*color: #fff;*

*cursor: pointer;*

*}*

*.next{*

*right: 0;*

*border-radius: 3px 0 0 3px;*

*}*

*.prev:hover,.next:hover{*

*background-color: rgba(0,0,0,0.8);*

*}*

*.caption{*

*text-align: center;*

*position: absolute;*

*bottom: 8px;*

*width: 100%;*

*color: #f2f2f2;*

*font-size: 15px;*

*padding: 8px 22px;*

*}*

*.dots{*

*width: 13px;*

*height: 13px;*

*background: gray;*

*display: inline-block;*

*align:center;*

*}*

*.sasi*

*{*

*align:center;*

*display:block;*

*}*

*.manju*

*{*

*text-align:center;*

*display:block;*

*background-color:black;*

*color:white;*

*}*

*</style>*

*</head>*

*<body>*

*<nav>*

*<div class="akka">*

*<span style="font-size:30px;cursor:pointer" onclick="openNav()">&#9776; </span>*

*</div>*

*<script>*

*function openNav() {*

*document.getElementById("mySidenav").style.width = "250px";*

*}*

*function closeNav() {*

*document.getElementById("mySidenav").style.width = "0";*

*}*

*</script>*

*<div id="mySidenav" class="sidenav">*

*<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a>*

*<a href="login.php">LOGIN</a>*

*<a href="https://en.wikipedia.org/wiki/Indian\_Railway\_Catering\_and\_Tourism\_Corporation">About</a>*

*<a href="https://www.services.irctc.co.in/homebody.html">Services</a>*

*<a href="http://contents.irctc.co.in/en/FAQs.html">FAQ's</a>*

*<a href="https://www.irctc.co.in/eticketing/contact.jsf">Contact</a>*

*<a href="gallery.html">Gallery</a>*

*</div>*

*<ul class="top1">*

*<li class="bava"><a href="http://contents.irctc.co.in/en/IRCTC\_andriod\_App.html" >App</a></li>*

*<li class="bava"><a href="https://www.facebook.com/IRCTCofficial/">Facebook</a></li>*

*<li class="bava"><a href="https://www.irctc.co.in/online-charts/">CHATRS</a></li>*

*<li class="bava"><a href="https://www.railyatri.in/pnr-status">PNR STATUS</a></li>*

*<li class="bava"><a href="https://www.ndtv.com/indian-railway/trains-between-stations">Search Trains</a></li>*

*<li class="bava"><a href="#" class="active">HOME</a></li>*

*</ul>*

*</nav>*

*<div class="header">*

*<img src="dp.jpg" width="1020px" height="400px">*

*<div class="topleft">*

*<img src="dp3.jpg" width="95px" height="95px">*

*</div>*

*<div class="text">*

*INDIAN RAILWAYS*

*</div>*

*<div class="text1">*

*<p>*

*SAFETY|SECURITY|PUNCTYALITY*

*</p>*

*</div>*

*</div>*

*<ul>*

*<li class="dropdown">*

*<a href="javascript:void(0)" class="dropbtn">TRAINS</a>*

*<div class="dropdown-content">*

*<a href="https://www.irctc.co.in/nget/train-search">BOOK NOW</a>*

*<a href="https://www.irctc.co.in/nget/train-search">Foreign Tourist Booking</a>*

*<ul>*

*<li class="dropdown1">*

*<a href="javascript:void(0)" class="dropbtn1">CANCEL TICKETS</a>*

*<div class="dropdown-content1">*

*<a href="https://www.irctc.co.in/nget/train-search">E-TICKETS</a>*

*<a href="https://www.operations.irctc.co.in/ctcan/SystemTktCanLogin.jsf">COUNTER TICKETS</a>*

*</div>*

*</li>*

*</ul>*

*<a href="https://www.irctc.co.in/nget/pnr-enquiry">PNR Enquiry</a>*

*<a href="https://www.irctc.co.in/nget/check-train-schedule">TRAIN SCHEDULE</a>*

*<a href="https://www.railyatri.in/live-train-status">TRACK ur TRAIN</a>*

*<a href="https://www.ftr.irctc.co.in/ftr/">TRAIN BOOKING</a>*

*</div>*

*</li>*

*<li class="dropdown">*

*<a href="javascript:void(0)" class="dropbtn">HOLIDAYS</a>*

*<div class="dropdown-content">*

*<ul>*

*<li class="dropdown1">*

*<a href="javascript:void(0)" class="dropbtn1">SPECIAL TRAINS</a>*

*<div class="dropdown-content1">*

*<a href="https://www.irctctourism.com/tourpacakage\_search?searchKey=&tagType=&travelType=Domestic&sector=All&bdar=1">TOURISM TRAIN</a>*

*<a href="https://www.the-maharajas.com/">MAHARAJAS EXPRESS</a>*

*</div>*

*</li>*

*</ul>*

*<ul>*

*<li class="dropdown1">*

*<a href="javascript:void(0)" class="dropbtn1">PACKAGES</a>*

*<div class="dropdown-content1">*

*<a href="https://www.irctctourism.com/tourpacakage\_search?searchKey=&tagType=&travelType=Domestic&sector=103">TOUR PACKAGES</a>*

*<a href="https://www.irctctourism.com/tourpacakage\_search?searchKey=&tagType=&travelType=Domestic&sector=104">AIR PACKAGES</a>*

*<a href="https://www.irctctourism.com/tourpacakage\_search?searchKey=&tagType=&travelType=Domestic&sector=104">INTERNATIONAL PACKAGES</a>*

*<a href="https://play.google.com/store/apps/details?id=cris.org.in.prs.ima&hl=en">IRCTC RAIL Connect App</a>*

*<a href="https://play.google.com/store/apps/details?id=com.irctc.tourism">IRCTC Tourism App</a>*

*<a href="https://play.google.com/store/apps/details?id=com.irctc.air&hl=en">IRCTC Air App</a>*

*<a href="https://www.railwire.co.in/station-wi-fi-project.php">WI-Fi Railway Stations</a>*

*<ul>*

*<li class="dropdown1">*

*<a href="javascript:void(0)" class="dropbtn1">IRCTC SBI Credit Card</a>*

*<div class="dropdown-content1">*

*<a href="http://contents.irctc.co.in/en/AboutSBICobrandCard.html">About IRCTC SBI Credit Card</a>*

*<a href="https://www.sbicard.com/en/eapply/campaign.page?path=personal/credit-cards/travel/irctc-sbi-platinum-card.dcr&GEMID1=dis\_irctc\_ban\_loy-tab-oth\_acq\_SEP\_sbicard\_e-apply&GEMID2=irctc">IRCTC SBI Platinum Card e-apply</a>*

*</div>*

*</li>*

*</ul>*

*<a href="https://www.nvsp.in/">National Voter's Service Portal</a>*

*<a href="http://mahilaehaat-rmk.gov.in/en/">Mahila E-Hatt</a>*

*<a href="http://contents.irctc.co.in/en/HandicraftsCommitteeReport.pdf">Support SHG/Handicraft</a>*

*<a href="https://www.raildrishti.cris.org.in/raildrishti/dashboard.jsp">Rail Drishti</a>*

*</li>*

*</ul>*

*<div class="tiktok">*

*<marquee width="100%" behaviour="scroll" bgcolor="black" text-color="white" height="40px" onmouseover="this.stop();" onmouseout="this.start();">*

*UPDATED DETAILS ARE SHOWN HERE | LATEST NEWS ARE DISPLAYED HERE*

*</marquee>*

*</div>*

*<div>*

*<div class="slideshow-container">*

*<div class="myslides fade">*

*<div class="numbers">1 / 4</div>*

*<div><img src="1.jpg"></div>*

*<div class="caption">Text 1</div>*

*</div>*

*<div class="myslides fade">*

*<div class="numbers">2 / 4</div>*

*<div><img src="2.jpg"></div>*

*<div class="caption">Text 2</div>*

*</div>*

*<div class="myslides fade">*

*<div class="numbers">3 / 4</div>*

*<div><img src=" 3.jpg"></div>*

*<div class="caption">Text 3</div>*

*</div>*

*<div class="myslides fade">*

*<div class="numbers">4 / 4</div>*

*<div><img src=" 4.jpg"></div>*

*<div class="caption">Text 4</div>*

*</div>*

*<a class="prev" onclick="plusSlides(-1)">&#10094;</a>*

*<a class="next" onclick="plusSlides(1)">&#10095;</a>*

*</div>*

*<br>*

*<div style="text-align:center">*

*<span class="dots" onclick="currentSlide(1)"></span>*

*<span class="dots" onclick="currentSlide(2)"></span>*

*<span class="dots" onclick="currentSlide(3)"></span>*

*<span class="dots" onclick="currentSlide(4)"></span>*

*</div>*

*<script type="text/javascript">*

*var slideIndex = 1;*

*showSlide(slideIndex);*

*function plusSlides(n){*

*showSlide(slideIndex += n);*

*}*

*function currentSlide(n) {*

*showSlide(slideIndex = n);*

*}*

*function showSlide(n){*

*var i;*

*var slides = document.getElementsByClassName("myslides");*

*var dots = document.getElementsByClassName("dots");*

*if (n > slides.length) { slideIndex = 1};*

*if (n < 1) { slideIndex = slides.length};*

*for (i=0;i<slides.length;i++) {*

*slides[i].style.display = "none";*

*};*

*for (i=0;i<dots.length;i++) {*

*dots[i].className = dots[i].className.replace(" active","");*

*};*

*slides[slideIndex-1].style.display = "block";*

*dots[slideIndex-1].className += " active";*

*}*

*</script>*

*</div>*

*<div class="bum">*

*<iframe class="bum" src="news.html" allowtransparency="true" style="border:4px solid red" margin-left="100px" width="400px" height="600px">*

*</iframe>*

*&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;*

*<iframe class="chik" src="events.html" allowtransparency="true" style="border:4px solid red" width="400px" height="600px">*

*</iframe>*

*</div>*

*&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;*

*<div class="pav1">*

*<h1 class="pav">Have You Not Found The Right One ?</h1>*

*<h1 class="pav">Find A Service Suitable For U Here..</h1>*

*</div>*

*<div class="sasi">*

*<div align="center" >*

*<a href="https://www.air.irctc.co.in/">*

*<img src=" a.jpg" alt="Trulli" width="90" height="90">*

*</a >*

*<h1 class="desc">FLIGHTS</h1>*

*</div>*

*<div align="center">*

*<a href="https://hotel.irctctourism.com/hotels">*

*<img src=" s.jpg" alt="Trulli" width="90" height="90">*

*</a >*

*<h1 class="desc">STAY</h1>*

*</div>*

*<div align="center">*

*<a href="https://www.ecatering.irctc.co.in/">*

*<img src=" d.jpg" alt="Trulli" width="90" height="90">*

*</a >*

*</div>*

*<div align="center">*

*<a href="https://www.ftr.irctc.co.in/ftr/">*

*<img src=" j.jpg" alt="Trulli" width="90" height="90">*

*</a >*

*<h1 class="desc">CHARTER TRAIN</h1>*

*</div>*

*</div>*

*<div class="pav1">*

*<a href="http://localhost/irctc/complaint.html">*

*<h1 class="pav">CLICK HERE FOR RAISE COMPLAINT</h1>*

*</a>*

*</div>*

*<div class="manju">*

*<footer>*

*<p>Copyright © 2019 - www.irctc.co.in. All Rights Reserved</p>*

*<p>Design and Hosted by praveen chimakurti</p>*

*<p>Contact information: <a href="mailto:praveench721@gmail.com">praveench721@gmail.com</a>.</p>*

*</footer>*

*</manju>*

*</body>*

*</html>*

*4.2.2 Login page:*

*<?php*

*require 'connection.php';*

*session\_start();*

*?>*

*<!DOCTYPE html>*

*<html>*

*<body>*

*<div align="center">*

*<div align="center">*

*<h3>LOGIN</h3>*

*</div>*

*<div class="panel-body">*

*<p>Login to irctc website.</p>*

*<form method="post" action="login\_submit.php">*

*<div class="form-group">*

*<input type="email" class="form-control" name="email" placeholder="Email" pattern="[a-z0-9.\_%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$">*

*</div>*

*<div class="form-group">*

*<input type="password" class="form-control" name="password" placeholder="Password(min. 6 characters)" pattern=".{6,}">*

*</div>*

*<div class="form-group">*

*<input type="submit" value="Login" class="btn btn-primary">*

*</div>*

*</form>*

*</div>*

*<div class="panel-footer">Don't have an account yet? <a href="signup.php">Register</a></div>*

*</div>*

*</body>*

*</html>*

*4.2.3 Signup Page:*

*<?php*

*require 'connection.php';*

*session\_start();*

*if(isset($\_SESSION['email'])){*

*header('location: irctc.html');*

*}*

*?>*

*<!DOCTYPE html>*

*<html>*

*<body>*

*<div>*

*<br><br>*

*<div align="center">*

*<div class="row">*

*<div class="col-xs-4 col-xs-offset-4">*

*<h1><b>SIGN UP</b></h1>*

*<form method="post" action="user\_registration\_script.php">*

*<div class="form-group">*

*<input type="text" class="form-control" name="name" placeholder="Name" required="true">*

*</div>*

*<div class="form-group">*

*<input type="email" class="form-control" name="email" placeholder="Email" required="true" pattern="[a-z0-9.\_%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$">*

*</div>*

*<div class="form-group">*

*<input type="password" class="form-control" name="password" placeholder="Password(min. 6 characters)" required="true" pattern=".{6,}">*

*</div>*

*<div class="form-group">*

*<input type="tel" class="form-control" name="contact" placeholder="Contact" required="true">*

*</div>*

*<div class="form-group">*

*<input type="text" class="form-control" name="city" placeholder="City" required="true">*

*</div>*

*<div class="form-group">*

*<input type="text" class="form-control" name="address" placeholder="Address" required="true">*

*</div>*

*<div class="form-group">*

*<input type="submit" class="btn btn-primary" value="Sign Up">*

*</div>*

*</form>*

*</div>*

*</div>*

*</div>*

*<br><br><br><br><br><br>*

*</div>*

*</body>*

*</html>*

*4.2.4 Complaints page:*

*<html>*

*<head>*

*<style>*

*#radio-btn{*

*display: inline-block !important;*

*}*

*.stn-name{*

*display: inline-block !important;*

*}*

*body{*

*padding: 0px;*

*}*

*@media (max-width:768px)*

*{*

*body{*

*padding: 15px;*

*}*

*}*

*</style>*

*<!-- Bootstrap CSS -->*

*<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-alpha.6/css/bootstrap.min.css">*

*<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">*

*<title>FIR Complaint</title>*

*<script type="text/javascript">*

*function hide() {*

*genr.style.display = "none";*

*var rese = document.getElementById("reserved");*

*var gen = document.getElementById("general");*

*pnrdiv.style.display = rese.checked ? "block" : "none";*

*}*

*function hide1() {*

*pnrdiv.style.display = "none";*

*var rese = document.getElementById("reserved");*

*var gen = document.getElementById("general");*

*genr.style.display = gen.checked ? "block" : "none";*

*}*

*</script>*

*<link rel="stylesheet" type="text/css" href="css/style.css" />*

*<script type="text/javascript" src="JS/jquery-1.4.2.min.js"></script>*

*<script src="JS/jquery.autocomplete.js"></script>*

*<script>*

*jQuery(function () {*

*$("#tnumname").autocomplete("list.jsp");*

*});*

*</script>*

*</head>*

*<body>*

*<form action="complaints.php" method="POST" class="form">*

*<center>*

*<div class="container">*

*<div class="col-sm-4 text-center" id="form-block"><br/>*

*<img src="dp1.jpg" class="img-fluid" width="110" height="140">*

*<h2>FIR COMPLAINT</h2>*

*Name:<input type="text" class="form-control" name="nm" required x-moz-errormessage="Please Fill your Name"><br>*

*Mobile Number:*

*<div class="input-group mb-2 mr-sm-2 mb-sm-0">*

*<div class="input-group-addon">+91</div>*

*<input type="number" x-moz-errormessage="Enter 10-Digit Mobile Number" required minlength="10" maxlength="10" name="mob" class="form-control" id="inlineFormInputGroup">*

*</div>*

*<br>*

*<div class="form-group">*

*<label for="exampleSelect1">Type of complaint</label>*

*<select class="form-control" id="exampleSelect1" name="toc">*

*<option>Harrasment</option>*

*<option>Maintainence</option>*

*<option value="3">other</option>*

*</select>*

*</div>*

*<div class="form-group">*

*<textarea class="form-control" placeholder="Enter Your Complaint Details" id="exampleTextarea" rows="3" name="ta"></textarea>*

*</div>*

*<input type="submit" class="btn btn-primary" value="Submit" name="submit"/><br><br/>*

*<a href="tel:182"><button type="button" class="btn btn-danger">EMERGENCY CALL</button></a>*

*</div>*

*</div>*

*</center>*

*</form>*

*</body></html>*

*4.2.5 Login submit page:*

*<?php*

*require 'connection.php';*

*session\_start();*

*$email=mysqli\_real\_escape\_string($con,$\_POST['email']);*

*$regex\_email="/^[\_a-z0-9-]+(\.[\_a-z0-9-]+)\*@[a-z0-9-]+(\.[\_a-z0-9-]+)\*(\.[a-z]{2,3})$/";*

*if(!preg\_match($regex\_email,$email)){*

*echo "Incorrect email. Redirecting you back to login page...";*

*?>*

*<meta http-equiv="refresh" content="2;url=login.php" />*

*<?php*

*}*

*$password=md5(md5(mysqli\_real\_escape\_string($con,$\_POST['password'])));*

*if(strlen($password)<6){*

*echo "Password should have atleast 6 characters. Redirecting you back to login page...";*

*?>*

*<meta http-equiv="refresh" content="2;url=login.php" />*

*<?php*

*}*

*$user\_authentication\_query="select id,email from users where email='$email' and password='$password'";*

*$user\_authentication\_result=mysqli\_query($con,$user\_authentication\_query) or die(mysqli\_error($con));*

*$rows\_fetched=mysqli\_num\_rows($user\_authentication\_result);*

*if($rows\_fetched==0){*

*//no user*

*//redirecting to same login page*

*?>*

*<script>*

*window.alert("Wrong username or password");*

*</script>*

*<meta http-equiv="refresh" content="1;url=login.php" />*

*<?php*

*//header('location: login');*

*//echo "Wrong email or password.";*

*}else{*

*$row=mysqli\_fetch\_array($user\_authentication\_result);*

*$\_SESSION['email']=$email;*

*$\_SESSION['id']=$row['id']; //user id*

*window.alert("login success");*

*header('location: irctc.html');*

*}*

*?>*

*4.2.5 Signup submit page:*

*<?php*

*require 'connection.php';*

*session\_start();*

*$name= mysqli\_real\_escape\_string($con,$\_POST['nm']);*

*$pnr=$\_POST['pnr'];*

*$doj=$\_POST['doj'];*

*$contact=$\_POST['mob'];*

*$toc=mysqli\_real\_escape\_string($con,$\_POST['toc']);*

*$details=mysqli\_real\_escape\_string($con,$\_POST['ta']);*

*$duplicate\_user\_query="select id from users where contact =' $contact'";*

*$duplicate\_user\_result=mysqli\_query($con,$duplicate\_user\_query) or die(mysqli\_error($con));*

*$rows\_fetched=mysqli\_num\_rows($duplicate\_user\_result);*

*if($rows\_fetched>0){*

*?>*

*<script>*

*window.alert("user complaint already exists in our database!");*

*</script>*

*<meta http-equiv="refresh" content="1;url=irctc.html" />*

*<?php*

*}else{*

*$user\_registration\_query="insert into complaint(name,pnr,doj,contact,toc,details) values ('$name','$pnr',' $doj','$contact','$toc','$details')";*

*//die($user\_registration\_query);*

*$user\_registration\_result=mysqli\_query($con,$user\_registration\_query) or die(mysqli\_error($con));*

*echo "complaint submited successfully";*

*$\_SESSION['mob']=$contact;*

*//The mysqli\_insert\_id() function returns the id (generated with AUTO\_INCREMENT) used in the last query.*

*$\_SESSION['id']=mysqli\_insert\_id($con);*

*//header('location: irctc.html'); //for redirecting*

*?>*

*<meta http-equiv="refresh" content="3;url=irctc.html" />*

*<?php*

*}*

*?>*

*4.2.6 Gallery page:*

*<!DOCTYPE html>*

*<html>*

*<head>*

*<style>*

*h1{*

*font-size:60px;*

*display: block;*

*background-color: #dddddd;*

*height:100px;*

*width:100%;*

*}*

*</style>*

*</head>*

*<body>*

*<div align="center">*

*<h1 >IRCTC GALLARY</h1>*

*</div>*

*<div align="center">*

*<img src=" 1.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*<div align="center">*

*<img src=" 2.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*<div align="center">*

*<img src=" 3.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*<div align="center">*

*<img src=" 4.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</div>*

*<div align="center">*

*<img src=" a.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</div>*

*<div align="center">*

*<img src=" d.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</div>*

*<div align="center">*

*<img src=" dp.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</div>*

*<div align="center">*

*<img src=" dp1.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</div>*

*<div align="center">*

*<img src=" dp2.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</div>*

*<div align="center">*

*<img src=" dp3.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</div>*

*<div align="center">*

*<img src=" f.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</div>*

*<div align="center">*

*<img src=" g.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</div>*

*<div align="center">*

*<img src=" h.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</div>*

*<div align="center">*

*<img src=" j.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</div>*

*<div align="center">*

*<img src=" s.jpg" alt="Trulli" width="500" height="333">*

*</div>*

*</body>*

*</html>*

4.2.7 Complaint Page:

<html>

<head>

<style>

#radio-btn{

display: inline-block !important;

}

.stn-name{

display: inline-block !important;

}

body{

padding: 0px;

}

@media (max-width:768px)

{

body{

padding: 15px;

}

}

</style>

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-alpha.6/css/bootstrap.min.css">

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>FIR Complaint</title>

<script type="text/javascript">

function hide() {

genr.style.display = "none";

var rese = document.getElementById("reserved");

var gen = document.getElementById("general");

pnrdiv.style.display = rese.checked ? "block" : "none";

}

function hide1() {

pnrdiv.style.display = "none";

var rese = document.getElementById("reserved");

var gen = document.getElementById("general");

genr.style.display = gen.checked ? "block" : "none";

}

</script>

<link rel="stylesheet" type="text/css" href="css/style.css" />

<script type="text/javascript" src="JS/jquery-1.4.2.min.js"></script>

<script src="JS/jquery.autocomplete.js"></script>

<script>

jQuery(function () {

$("#tnumname").autocomplete("list.jsp");

});

</script>

</head>

<body>

<form action="complaints.php" method="POST" class="form">

<center>

<div class="container">

<div class="col-sm-4 text-center" id="form-block"><br/>

<img src="dp1.jpg" class="img-fluid" width="110" height="140">

<h2>FIR COMPLAINT</h2>

Name:<input type="text" class="form-control" name="nm" required x-moz-errormessage="Please Fill your Name"><br>

Mobile Number:

<div class="input-group mb-2 mr-sm-2 mb-sm-0">

<div class="input-group-addon">+91</div>

<input type="number" x-moz-errormessage="Enter 10-Digit Mobile Number" required minlength="10" maxlength="10" name="mob" class="form-control" id="inlineFormInputGroup">

</div>

<br>

<div class="form-group">

<label for="exampleSelect1">Type of complaint</label>

<select class="form-control" id="exampleSelect1" name="toc">

<option>Harrasment</option>

<option>Maintainence</option>

<option value="3">other</option>

</select>

</div>

<div class="form-group">

<textarea class="form-control" placeholder="Enter Your Complaint Details" id="exampleTextarea" rows="3" name="ta"></textarea>

</div>

<input type="submit" class="btn btn-primary" value="Submit" name="submit"/><br><br/>

<a href="tel:182"><button type="button" class="btn btn-danger">EMERGENCY CALL</button></a>

</div>

</div>

</center>

</form>

</body></html>

4.2.8 News I frame page:

<html>

<head>

<style>

.vine

{

display:block;

boarder:1px solid #ddd;

border-radius: 4px;

padding: 5px;

width: 400px;

}

.vine1

{

display:block;

}

.vine2

{

top:0;

left:0;

margin: 0;

padding: 0;

width: 400px;

background-color: #f1f1f1;

position: fixed;

height: 20px;

overflow:auto;

display: block;

color: black;

padding: 16px;

text-align: center;

text-decoration: none;

}

.vine3

{

display: block;

}

.vine5

{

width: 90px;

float: left;

}

.vine6

{

margin-left: 100px;

display: block;

color: black;

}

.vine4

{

float: left;

top: 0;

}

</style>

</head>

<body>

<div class="vine">

<div class="vine1">

<h2 class="vine2" aria-hidden="true"> News</h2>

<marquee width="400px" direction="up" behavior="scroll" height="100%" onmouseover="this.stop();" onmouseout="this.start();">

<div class="vine3">

<ul class="vine4">

<li>

<div class="vine5">

<img src=" dp3.jpg" width="76" height="82" alt="">

</div>

<div class="vine6">

<p>

<a target="\_blank" href="https://goo.gl/forms/067rGN2nOqsazztk1">

<img hspace="5" src=" new.jpg" alt="new" width="27" height="13" />&nbsp;NEWS DETAILS WILL DISPLAY HERE </a>

</p>

<p><span> Thursday 7 March 2019</span></p>

</div>

</li>

<li>

<div class="vine5">

<img src=" dp3.jpg" width="76" height="82" alt="">

</div>

<div class="vine5">

<img src=" dp3.jpg" width="76" height="82" alt="">

</div>

<div class="vine6">

<p>

<a target="\_blank" href="https://goo.gl/forms/067rGN2nOqsazztk1">

<img hspace="5" src=" new.jpg" alt="new" width="27" height="13" />&nbsp;NEWS DETAILS WILL DISPLAY HERE </a>

</p>

<p><span> Thursday 7 March 2019</span></p>

</div>

</li>

<li>

<div class="vine5">

<img src=" dp3.jpg" width="76" height="82" alt="">

</div>

<div class="vine6">

<p>

<a target="\_blank" href="https://goo.gl/forms/067rGN2nOqsazztk1">

<img hspace="5" src=" new.jpg" alt="new" width="27" height="13" />&nbsp;NEWS DETAILS WILL DISPLAY HERE </a>

</p>

<p><span> Thursday 7 March 2019</span></p>

</div>

</li>

<li>

<div class="vine5">

<img src=" dp3.jpg" width="76" height="82" alt="">

</div>

<div class="vine6">

<p>

<a target="\_blank" href="https://goo.gl/forms/067rGN2nOqsazztk1">

<img hspace="5" src=" new.jpg" alt="new" width="27" height="13" />&nbsp;NEWS DETAILS WILL DISPLAY HERE </a>

</p>

<p><span> Thursday 7 March 2019</span></p>

</div>

</li>

</ul>

</div>

</div>

</div>

</marquee>

</div>

</div>

</body>

</html>

### DATABASE TABLES

*4.3.1 User Table:*

| ***[id](http://localhost/phpmyadmin/sql.php)*** | ***[name](http://localhost/phpmyadmin/sql.php)*** | ***[email](http://localhost/phpmyadmin/sql.php)*** | ***[password](http://localhost/phpmyadmin/sql.php)*** | ***[contact](http://localhost/phpmyadmin/sql.php)*** | ***[city](http://localhost/phpmyadmin/sql.php)*** | ***[address](http://localhost/phpmyadmin/sql.php)*** |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *0* | *Praveen Chimakurthy* | *praveench721@gmail.com* | *cbca813ee95de34309918b1c2d4c9675* | *7550180623* | *Chennai* | *Shollinganur Chennai,600119* |  |
| *0* | *sai* | *sai@gmail.com* | *273ce13a7996ff93dfe18d5d9d81782f* | *9003262464* | *Chennai* | *Shollinganur Chennai,600119* |  |

*4.3.2 Complaints Table:*

| **[id](http://localhost/phpmyadmin/sql.php)** | **[name](http://localhost/phpmyadmin/sql.php)** | **[doj](http://localhost/phpmyadmin/sql.php)** | **[contact](http://localhost/phpmyadmin/sql.php)** | **[toc](http://localhost/phpmyadmin/sql.php)** | **[details](http://localhost/phpmyadmin/sql.php)** |  |
| --- | --- | --- | --- | --- | --- | --- |
| 0 | sai | 0000-00-00 | 7550180623 | Maintainence | hyy |  |
| 0 | hemu | 0000-00-00 | 9003262464 | Harrasment | harased by pavan in 2 compartment |  |

# CHAPTER 5 CONCLUSION

The Internet has become a major resource in modern business, thus online ticket

booking has gained significance not only from the entrepreneur’s but also from the customer’s point of view. For the entrepreneur, online booking generates new business opportunities and for the customer, it makes comparative booking possible.

As per a survey, most consumers of online sites are impulsive and usually make a decision to stay on a site within the first few seconds. Website design is like a booking interior. If the site looks poor or like hundreds of other sites the customer is most likely to skip to other site.

Hence we have designed the project to provide the user with easy navigation, retrieval of data and necessary feedback as much as possible. In this project, the user is provided with an irctc railway website that can be used to book tickets online.

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