**RESTAURANT TABLE BOOKING**



**A Thesis Submitted**

**In Partial Fulfillment of the Requirements for the Degree of**

# MASTER OF COMPUTER APPLICATION

**in**

**FIELD OF SPECIALIZATION**

**by**

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**KIET Group OF Institutions Ghaziabad Uttar Pradesh**

**to the**

**FACULTY OF COMPUTER APPLICATION**

## DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW

**(Formerly Uttar Pradesh Technical University, Lucknow)**

**MAY, 2022**

## DECLARATION

I hereby declare that the work presented in this report entitled “**Restaurant Table Booking**”, was carried out by me. I have not submitted the matter embodied in this report for the award of any other degree or diploma of any other University or Institute.

I have given due credit to the original authors/sources for all the words, ideas, diagrams, graphics, computer programs, experiments, results, that are not my original contribution. I have used quotation marks to identify verbatim sentences and given credit to the original authors/sources.

I affirm that no portion of my work is plagiarized, and the experiments and results reported in the report are not manipulated. In the event of a complaint of plagiarism and the manipulation of the experiments and results, I shall be fully responsible and answerable.

Name : Devendra Rai

Roll No.: 1900290140013

Branch : Master of Computer Application

**CERTIFICATE**

Certified that **Devendra Rai (Enrollment No. 1900290140013)** have carried out the project work having “ **RESTAURANT TABLE BOOKING** ” for Master of Computer Applications from Dr. A.P.J. Abdul Kalam Technical University (AKTU**)**, Technical University, Lucknow under my supervision. The project report embodies original work, and studies are carried out by the student himself/herself and the contents of the project report do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

**Devendra Rai**

**University Roll No. 1900290140013**

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

Date:

**Ms. Neelam Rawat**

**(Associate Professor)**

**Department of Computer Applications**

**KIET Group of Institutions, Ghaziabad**

**Signature of Internal Examiner Signature of External Examiner**

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**Head, Department of Computer Applications**

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## ABSTRACT

This software helps customer to book table in restaurant. It is designed such a way that one can book table according to no. of persons and according to meal plan from anywhere. The software will help in easy maintaining and updating booking information in the website for the administrator. Also the user can cancel and check his booking history.

This project is aimed at developing a Web application that depicts online reservation of restaurant table. This software helps customer to book table in restaurant. It is designed such a way that one can book table according to no. of persons and according to meal plan. The software will help in easy maintaining and updating booking information in the website for the administrator. Also the user can cancel and check his booking history.

Managing your Online Restaurant Table Reservation System may seem tricky, but this is part of Customer Service System (application support direct contact with customer)

## ACKNOWLEDGEMENTS

## I would like to express my sincere gratitude to several individuals and organizations for supporting me throughout my Project. First, I wish to express my sincere gratitude to my supervisor, Ms. Neelam Rawat, for his enthusiasm, patience, insightful comments, helpful information, practical advice and unceasing ideas that have helped me tremendously at all times in my research and writing of this thesis.  His immense knowledge, profound experience and professional expertise in Data Quality Control has enabled me to complete this research successfully. Without his support and guidance, this project would not have been possible. I could not have imagined having a better supervisor in my study.

## 

## DEVENDRA RAI

## (1900290140013)

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**CHAPTER** # **1**

**Introduction**

Contents:

* Introduction
* Problem Definition
* Aim
* Objective
* Goal
* Need of System

**Introduction to the System:**

This project is aimed at developing a Web application that depicts online reservation of restaurant table.

This software helps customer to book table in restaurant. It is designed such a way that one can book table according to no. of persons and according to meal plan. The software will help in easy maintaining and updating booking information in the website for the administrator. Also the user can cancel and check his booking history.

**Problem Definition:**

Managing your Online Restaurant Table Reservation System may seem tricky, but this is part of Customer Service System (application support direct contact with customer)

.

**Aim:**

# “To Manage Online Reservation of Table in Restaurant.”

**Objective:**

This software helps customer to book table in restaurant. It is designed such a way that one can book table according to no. of persons and according to meal plan from anywhere. The software will help in easy maintaining and updating booking information in the website for the administrator. Also the user can cancel and check his booking history.

**Goal:**

The restaurants and hotels handle the entire advance table booking manually, which is very tedious and mismanaged.

The objective of our project is as follows:

To keep the information of customer.

To keep the information of no. of persons, meal plan and timing.

To keep the information of confirmed and not confirmed bookings.

**Need of the System:**

There is always a need of a system that will perform online reservation of table in restaurants and hotels and manage customer and booking records.

This system will reduce the manual operation required to maintain all the records. And also generates the various reports for analysis.

**CHAPTER** # **2**

**Hardware and Software Requirements**

Contents:

* Software requirement
* Hardware requirements

**Software Requirements:**

* Microsoft Windows 7/8/10 or Linux.
* XAMPP (MySQL, Apache, PHP).
* Notepad++ or any other text editor.
* Chrome or any other browser.

**Hardware Requirements:**

* Intel Processor 2.0 GHz or above.
* 2 GB RAM or more.
* 160 GB or more Hard Disk Drive or above.

**CHAPTER** # **3**

**System Analysis**

Contents:

##### Purpose

* Project Scope
* Existing System
* Proposed System
* System Overview

### Purpose:

1. To manage the online reservation of table in restaurant. It helps to customer to book table according to no. of persons and meal plan from anywhere.
2. This project also help in administrative work such as keep information of customers and bookings.

**Project Scope:**

The project has a wide scope, as it is not intended to a particular organization. This project is going to develop generic software, which can be applied by any businesses organization. More over it provides facility to its customer. Also the software is going to provide a huge amount of summary data.

**Proposed System:**

The Online Restaurant Table Reservation system is available in the market that can serve customers to book table and view our booking status online.

**System Overview:**

**Admin Modules**

* View Booking Request
* Accept or Reject Booking Request
* Manage Users
* Manage Feedback

**User(Customer) Modules**

* Book Table
* View Booking
* Cancel Booking
* Send Feedback

**CHAPTER** # **4**

**Implementation issues**

**4.1 PHP**

**Definition of PHP:**

PHP can be defined as a programming language for Database access from the web's browser. In other words, it is an HTML-embedded scripting language. It focuses on the logic of how a page responds to user input and not how the page looks that i.e. not the primary appearance of the page.

PHP runs on the server side, which means that the web server that sends an HTML file to a user's browser, will carry out the instructions found in the embedded PHP code first, and then send the output of the PHP code along with the HTML code. The result is a webpage with dynamic content.

**Brief History on PHP:**

PHP is a language for creating website that can be more or less interactive.  It was created in 1994 by Rasmus Lerdorf who was a software engineer and who was part of the Apache Team. In the same year, he created a package, added some database support and called it PHP/FI (Form Interpretation).

In 1995, it was called the Personal Home Page Tool then was released as version2 with a name called PHP/FI (a form interpreter responsible for analyzing queries). In mid of 1997, more than 50,000 websites began using PHP and in October, 1998, there was an increase in the number of websites using PHP which was about 100,000.

In 2000, there was a release of PHP 4.0.2. And currently over 1,000,000 sites in the whole world are using PHP.

**4.2 HTML**

HTML (Hypertext Markup Language) is the set of markup symbols or codes inserted in a file intended for display on a World Wide Web browser page. The markup tells the Web browser how to display a Web page's words and images for the user. Each individual markup code is referred to as an element (but many people also refer to it as a tag). Some elements come in pairs that indicate when some display effect is to begin and when it is to end.

**4.3 CASCADING STYLE SHEET (CSS)**

Cascading Style Sheets (CSS) are a collection of rules we use to define and modify web pages. CSS are similar to styles in Word. CSS allow Web designers to have much more control over their pages look and layout. For instance, you could create a style that defines the body text to be Verdana, 10 point. Later on, you may easily change the body text to Times New Roman, 12 point by just changing the rule in the CSS. Instead of having to change the font on each page of your website, all you need to do is redefine the style on the style sheet, and it will instantly change on all of the pages that the style sheet has been applied to. With HTML styles, the font change would be applied to each instance of that font and have to be changed in each spot.

CSS can control the placement of text and objects on your pages as well as the look of those objects.

HTML information creates the objects (or gives objects meaning), but styles describe how the objects should appear. The HTML gives your page structure, while the CSS creates the “presentation”. An external CSS is really just a text file with a .css extension. These files can be created with Dreamweaver, a CSS editor, or even Notepad.

The best practice is to design your web page on paper first so you know where you will want to use styles on your page. Then you can create the styles and apply them to your page.

**Javascript**

JavaScript is a programming languagecommonly used in web development. It was originally developed by Netscape as a means to add dynamic and interactive elements to websites. While JavaScript is influenced byJava, the syntax is more similar to C and is based on ECMAScript, a scripting language developed by Sun Microsystems.

JavaScript is a client-side scripting language, which means the source code is processed by the client's web browser rather than on the web server. This means JavaScript functions can run after a webpage has loaded without COMMUNICATING with the server. For example, a JavaScript function may check a web form before it is submitted to make sure all the required fields have been filled out. The JavaScript code can produce an error message before any information is actually transmitted to the server.

Like server-side scripting languages, such as PHP and ASP, JavaScript code can be inserted anywhere within the HTML of a webpage. However, only the output of server-side code is displayed in the HTML, while JavaScript code remains fully visible in the source of the webpage. It can also be referenced in a separate .JS file, which may also be viewed in a browser.

**CHAPTER** # **5**

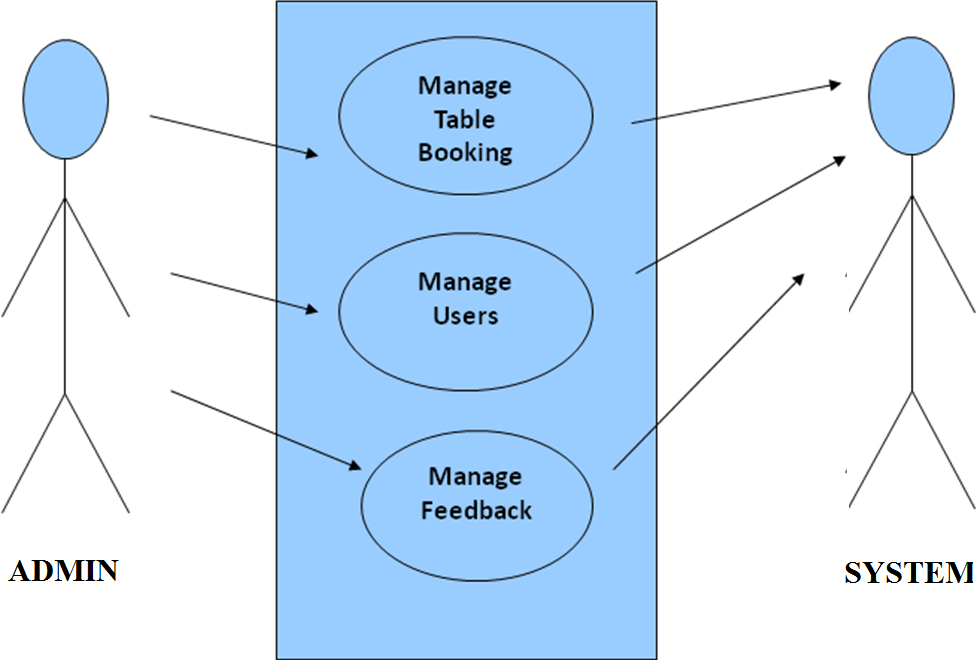
**System Design**

Contents:

* Use case diagram
* Class Diagram
* Sequence Diagram
* Data flow diagram

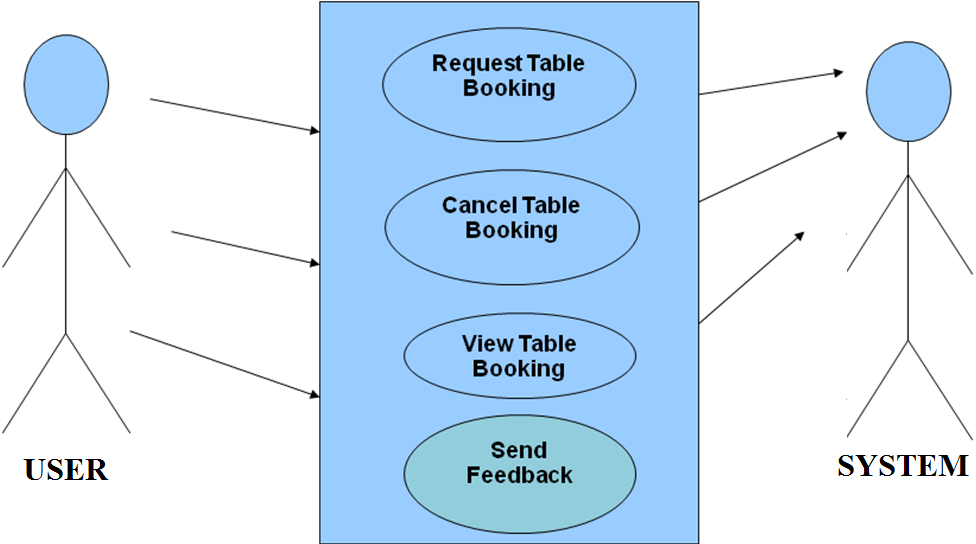
**Use Case Diagram:**

* Use case diagram consists of use cases and actors and shows the interaction between them. The key points are:
* The main purpose is to show the interaction between the use cases and the actor.
* To represent the system requirement from user’s perspective.
* The use cases are the functions that are to be performed in the module.



**Use Case Diagram between ADMIN and SYSTEM:**

Fig.5.1



**Use Case Diagram between USER and SYSTEM:**

Fig.5.2

**Sequence Diagram For Administrator:-**

**Administrator**

**Success:hide()**

**Login**

**Application**

**Database**

**Login**

**:Request**

**:Validate()**

**:executeQuery()**

**Response**

**Show Result**

**Failed:show()**

Fig.5.3

**Sequence Diagram For User:-**

**Success:hide()**

**User**

**Login**

**Application**

**Database**

**Login**

**:Request**

**:Validate()**

**:executeQuery()**

**Response**

**Show Result**

**Failed:show()**

**:**

Fig.5.4

**Data Flow Diagram**

A Data Flow Diagram (DFD) is a graphical representation of the "flow" of data through an Information System. A data flow diagram can also be used for the visualization of Data Processing. It is common practice for a designer to draw a context-level DFD first which shows the interaction between the system and outside entities. This context-level DFD is then "exploded" to show more detail of the system being modeled.

A DFD represents flow of data through a system. Data flow diagrams are commonly used during problem analysis. It views a system as a function that transforms the input into desired output. A DFD shows movement of data through the different transformations or processes in the system.

Dataflow diagrams can be used to provide the end user with a physical idea of where the data they input ultimately has an effect upon the structure of the whole system from order to dispatch to restock how any system is developed can be determined through a dataflow diagram. The appropriate register saved in database and maintained by appropriate authorities.

Data Flow Diagram Notation

Function

File/Database

Input/output

Flow

**Context Diagram**

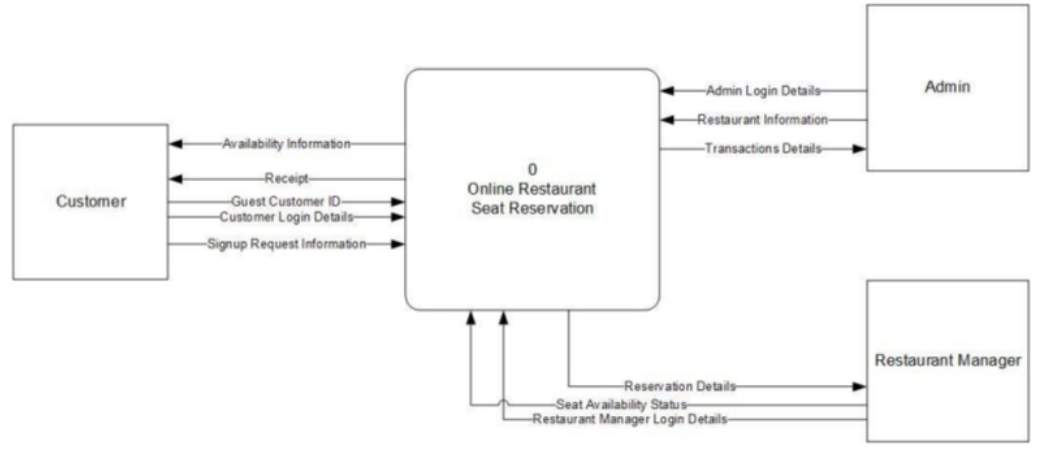
****

Fig.5.5

**DFD Level 0 Diagram**

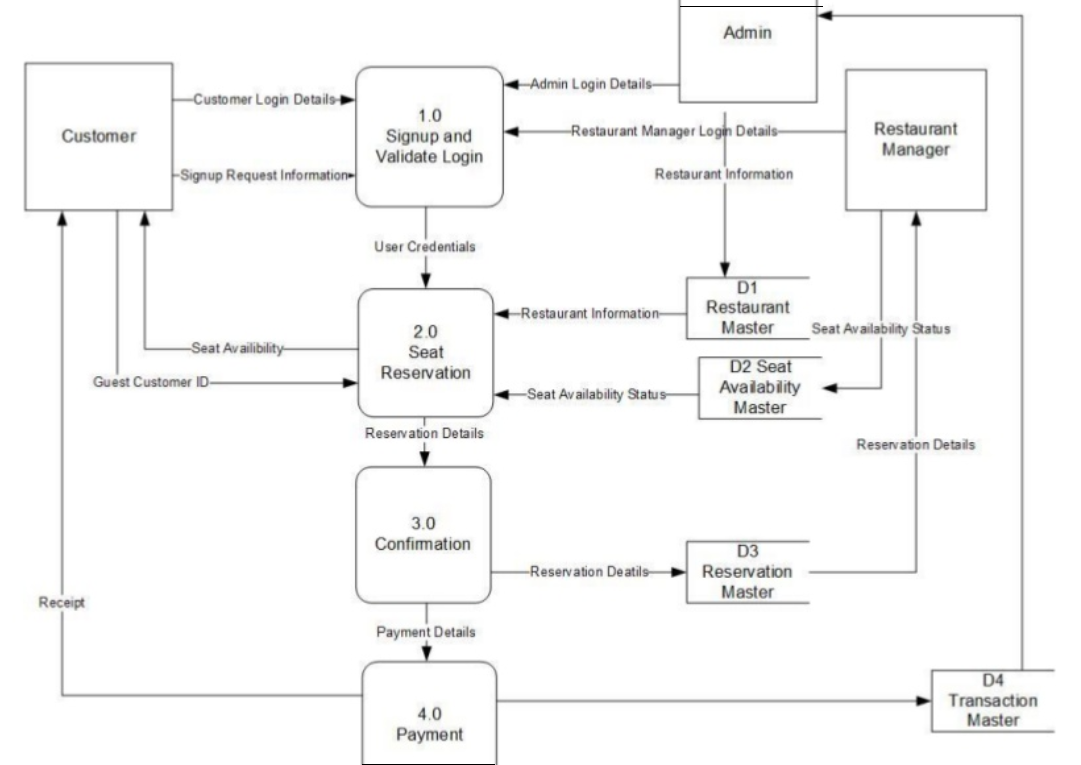
****

Fig.5.6

**DFD Level 1 Diagram**

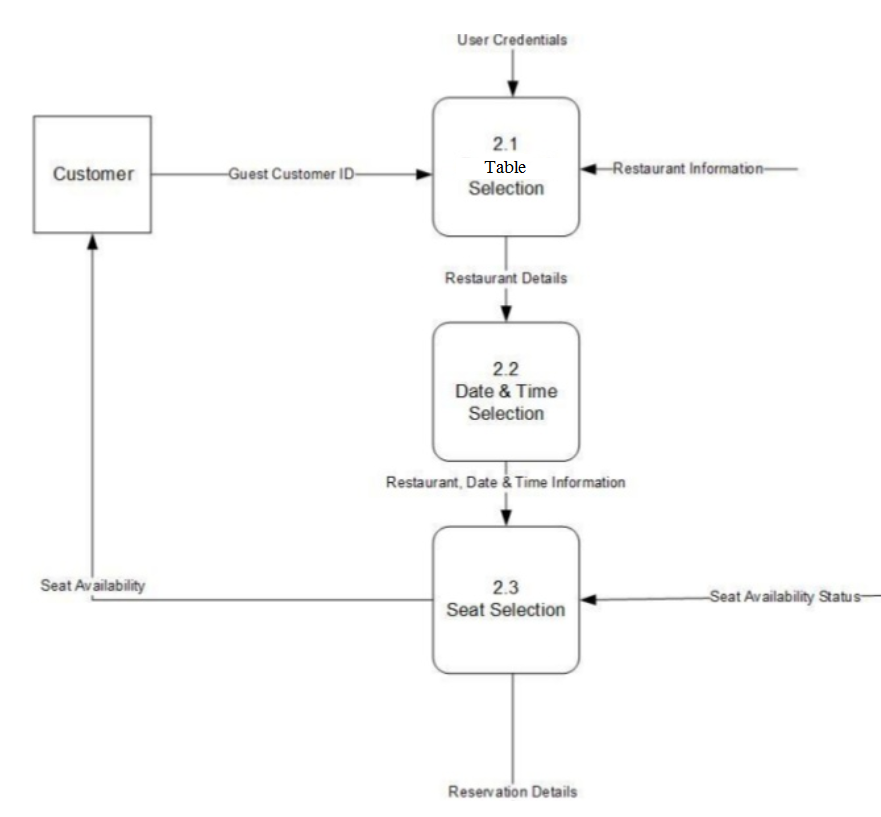


Fig.5.7

**Entity Relationship Diagrams (ER-Diagrams):**

An entity-relationship (ER) diagram is a specialized graphic that illustrates the interrelationships between entities in a database. ER diagrams often use symbols to represent three different types of information. Boxes are commonly used to represent entities. Diamonds are normally used to represent relationships and ovals are used to represent attributes

An **entity-relationship model** (ERM) in software engineering is an abstract and conceptual representation of data. Entity-relationship modeling is a relational schema database modeling method, used to produce a type of conceptual schema or semantic data model of a system, often a relational database, and its requirements in a top-down fashion.

**Symbols used in this E-R Diagram:**

**Entity**: Entity is a “thing” in the real world with an independent existence. An entity may be an object with a physical existence such as person, car or employee. Entity symbol is as follows

**Attribute:** Attribute is a particular property that describes the entity. Attribute symbol is

**Relationship:** Relationship will be several implicit relationships among various entity types whenever an attribute of one entity refers to another entity type some relationship exits. Relationship symbol is:

**Key attributes:** An entity type usually has an attribute whose values are distinct for each individual entity in the collection. Such an attribute is called key attribute. Key attribute symbol is as follows

**ENTITY RELATIONSHIP(ER) DIAGRAM**

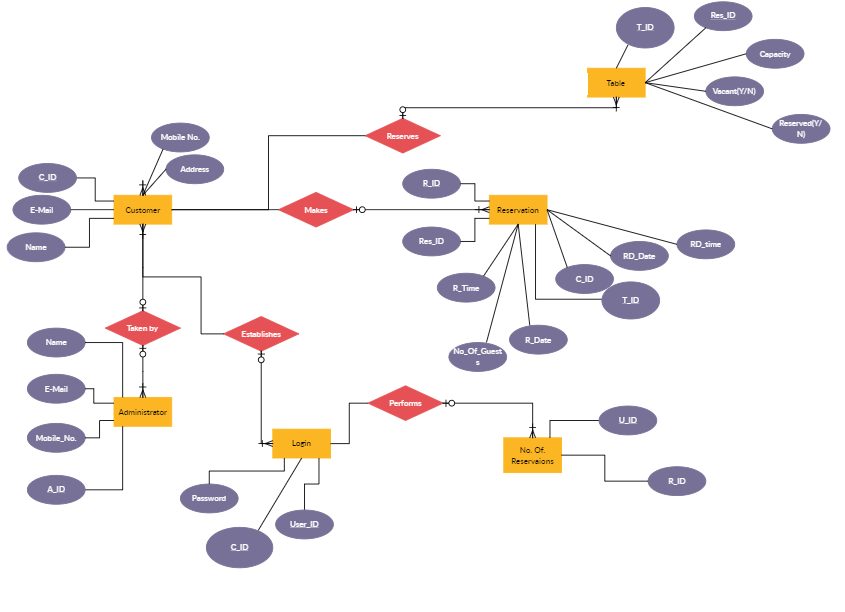


Fig.5.8

**CHAPTER** # **6**

**Output screens**

**HOME PAGE**

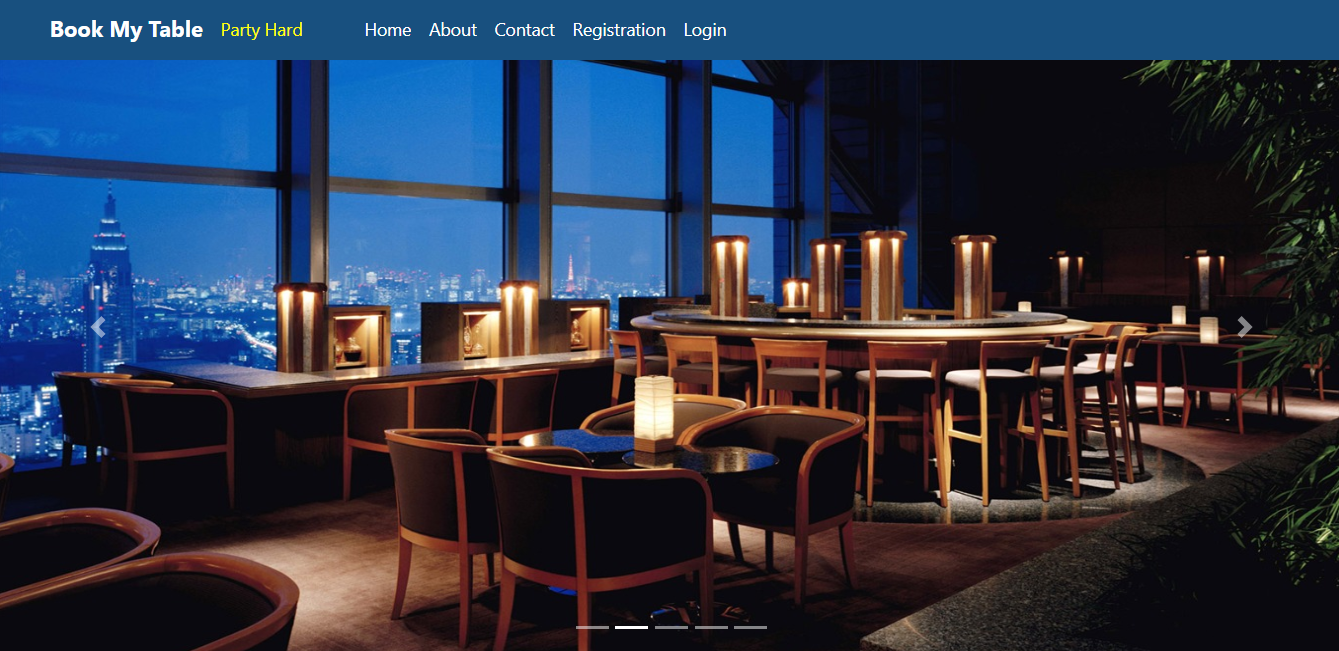


Fig.6.1

**ABOUT US PAGE**

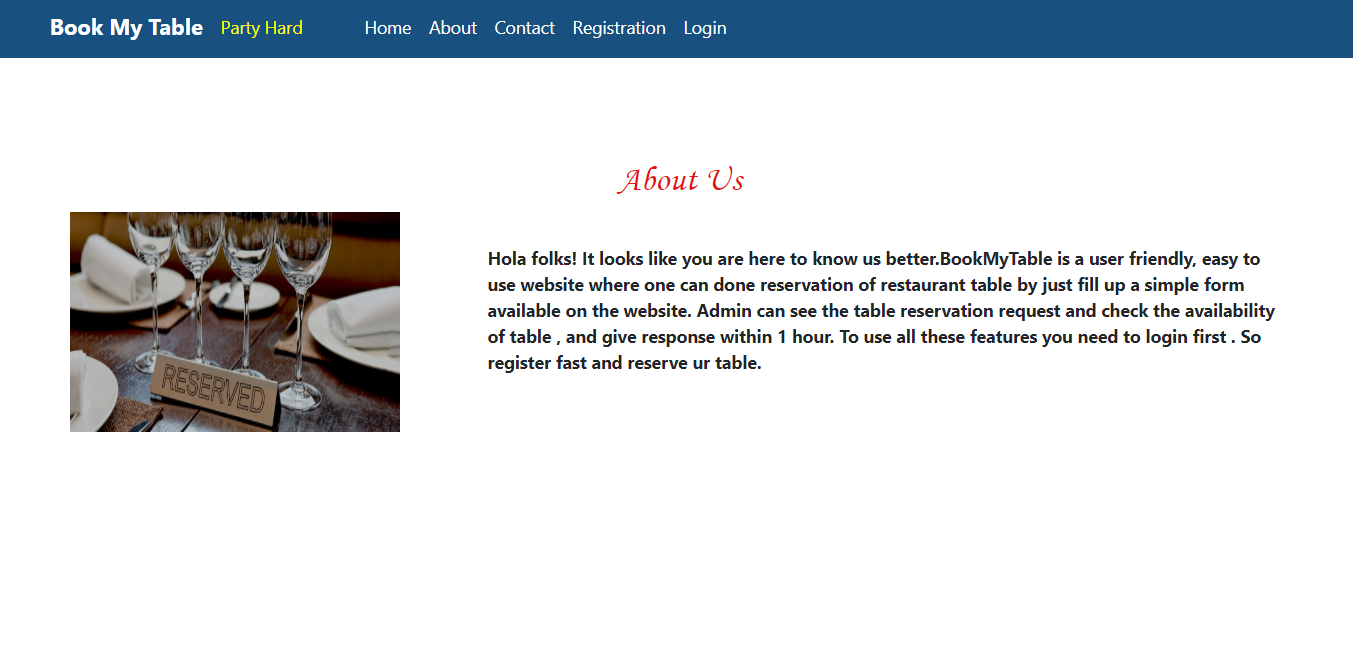
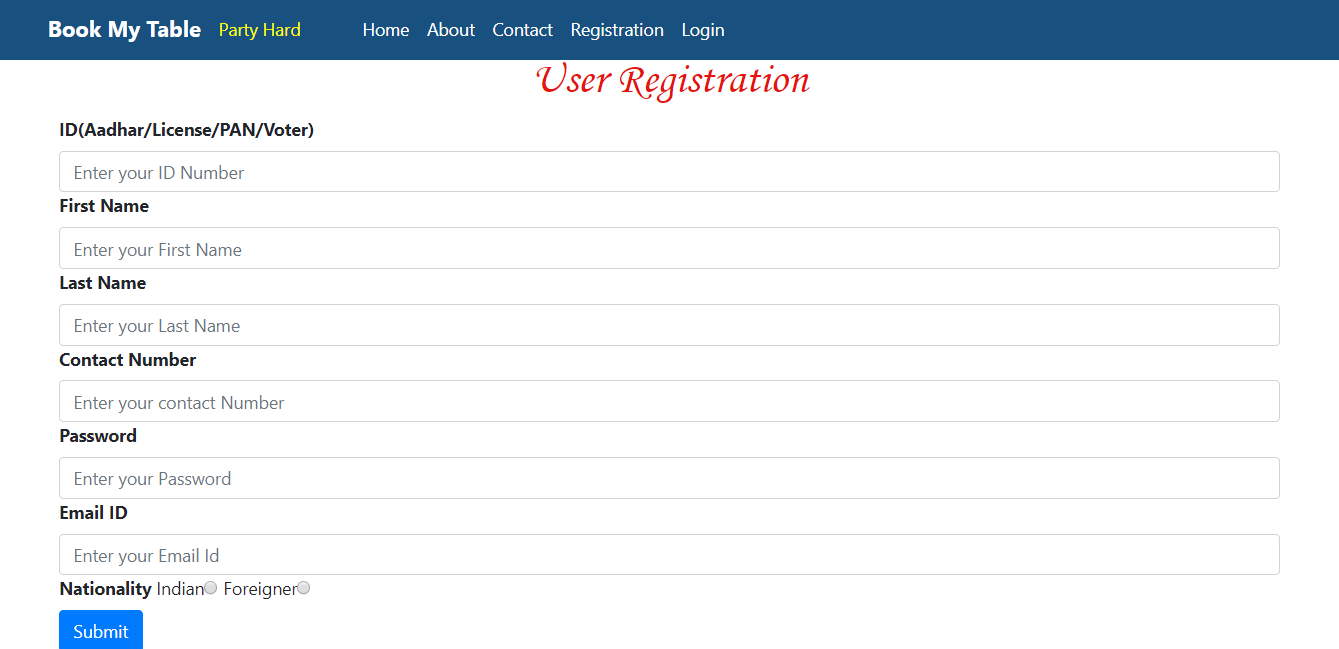
****

Fig.6.2

**SIGNUP FORM**

****  Fig.6.3

**LOGIN PAGE**

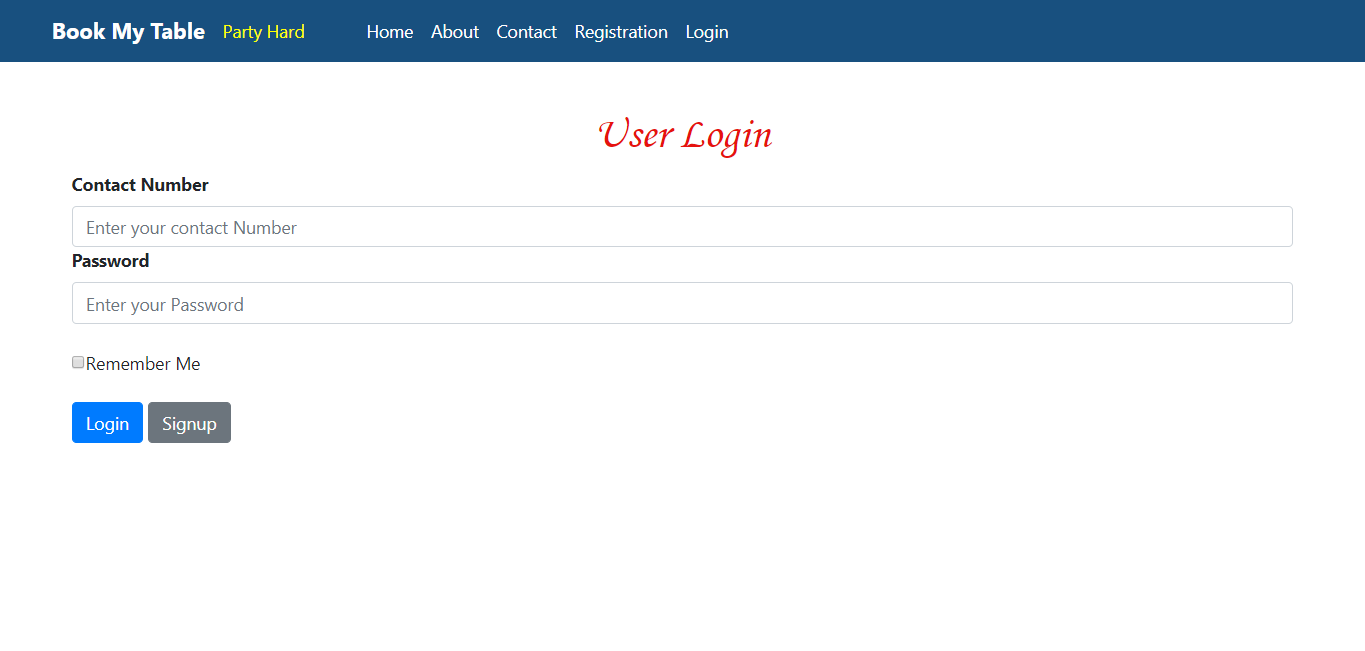
******

Fig.6.4

**USER HOME PAGE**

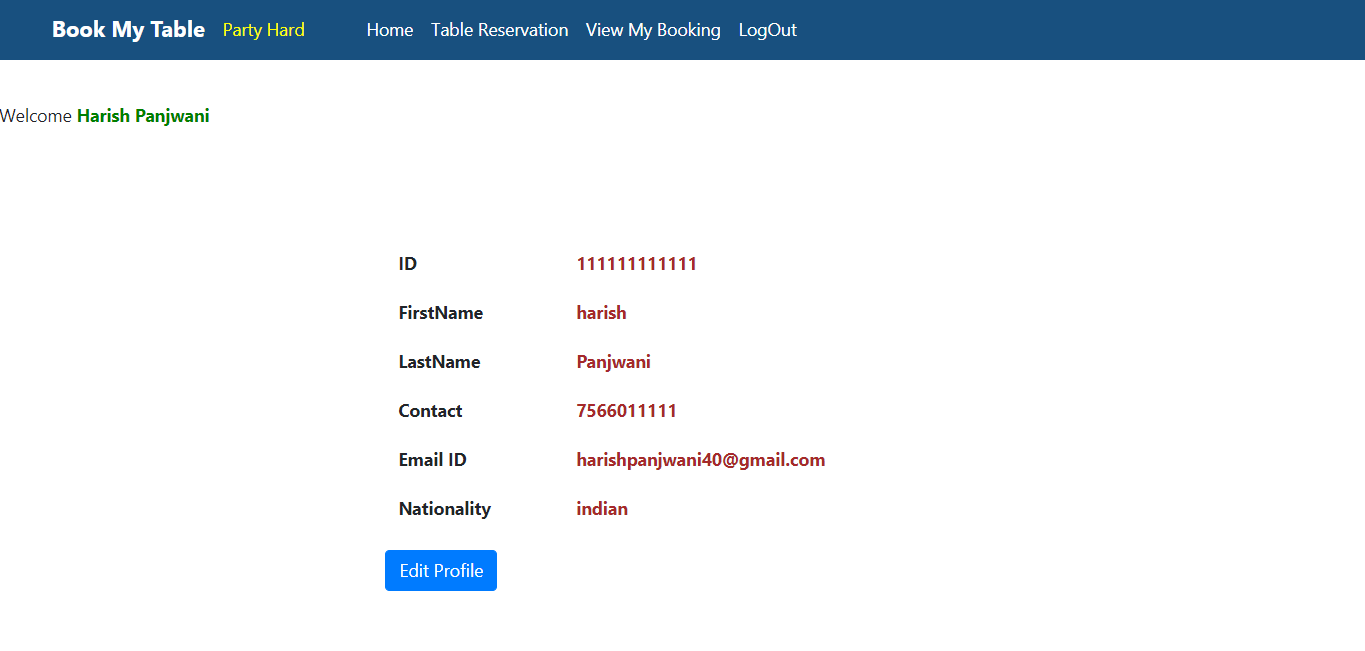


Fig.6.5

**TABLE BOOKING PAGE**

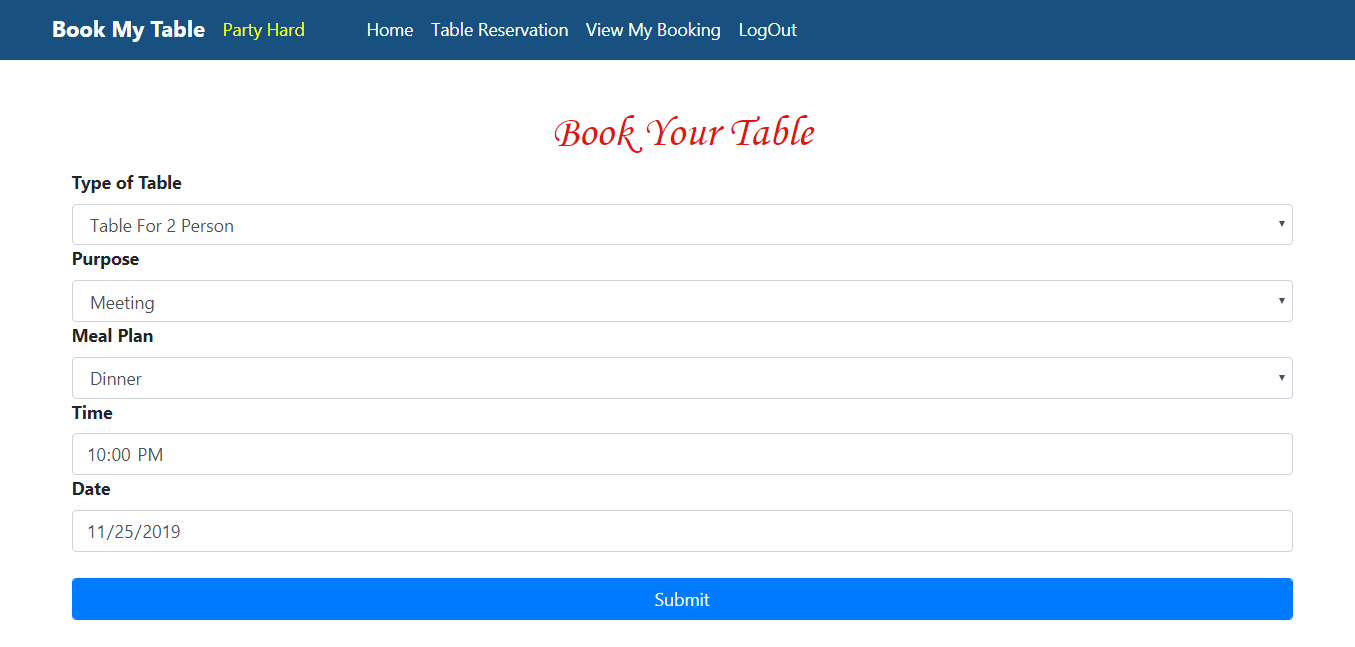


Fig.6.6

**VIEW MY BOOKING PAGE**

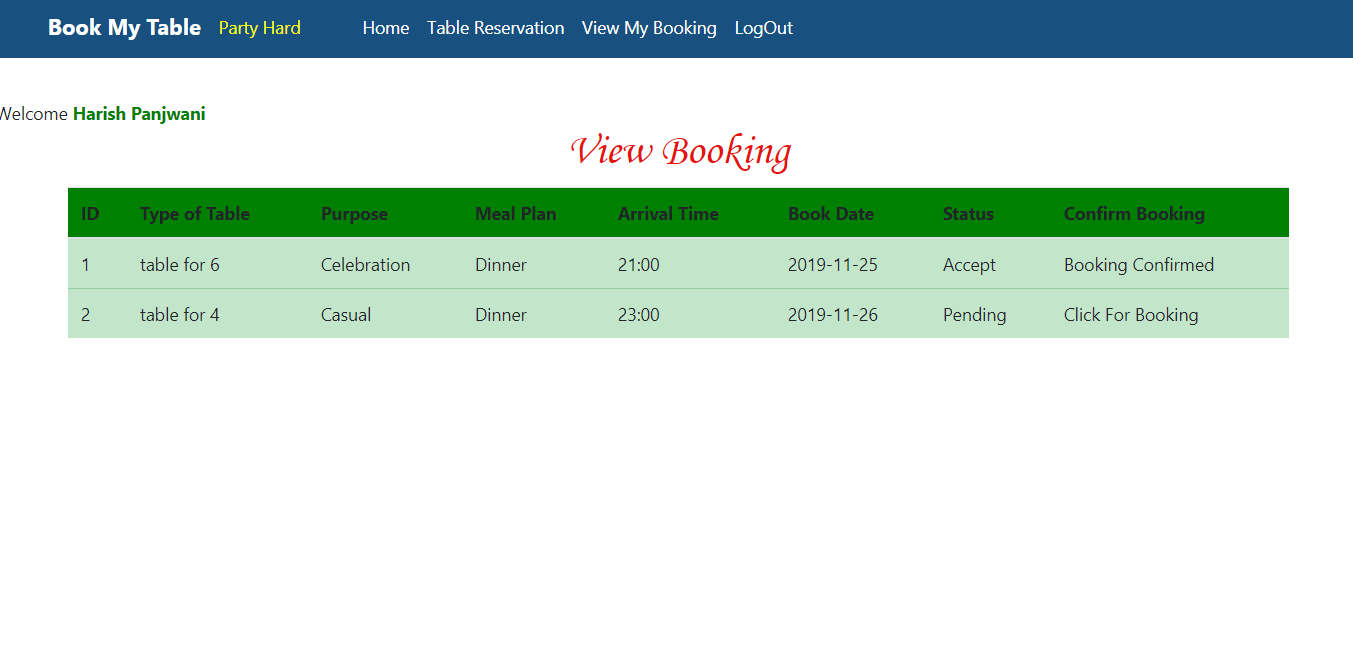
****

Fig.6.7

**ADMIN LOGIN PAGE**

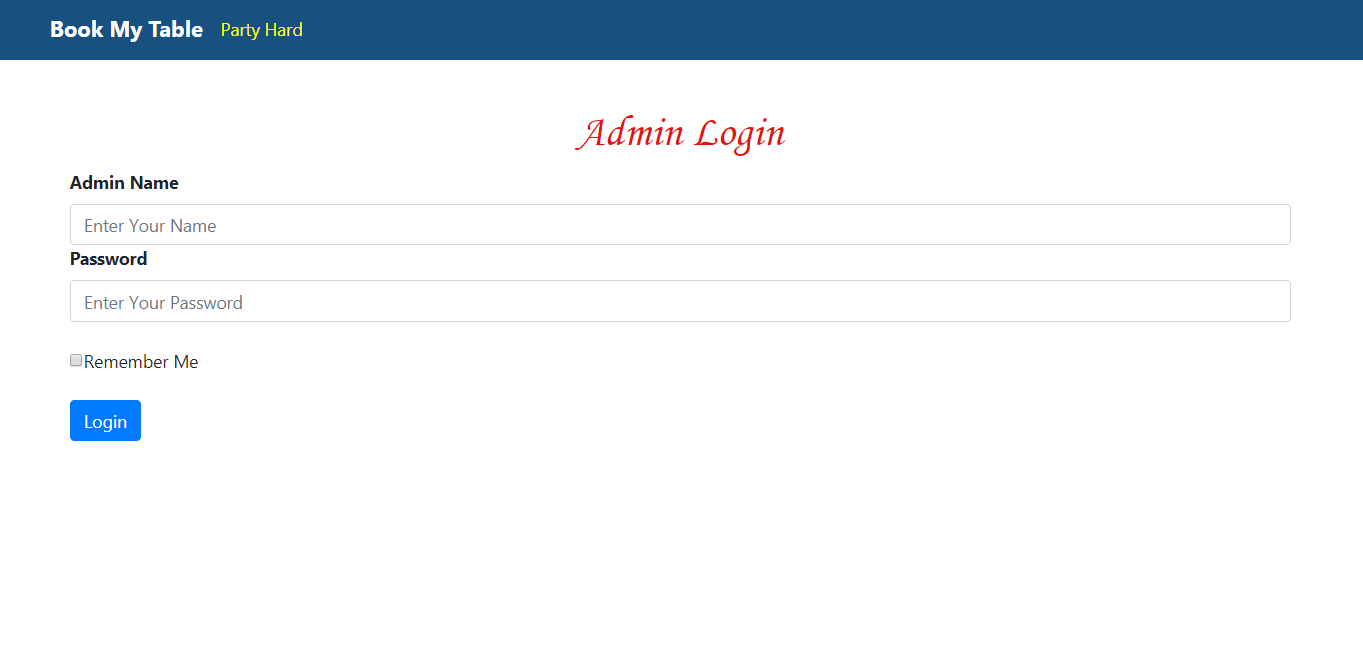
****

Fig.6.8

**ADMIN HOME PAGE**

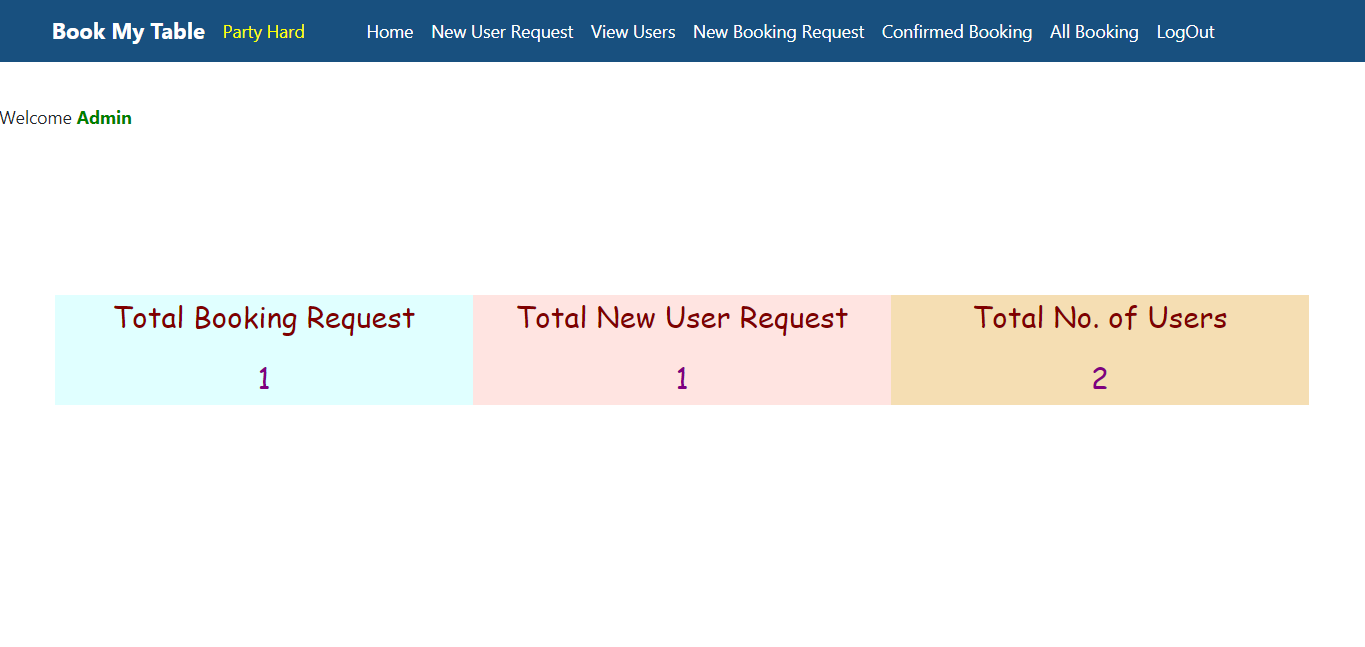
****

Fig.6.9

**NEW USER REQUEST PAGE**

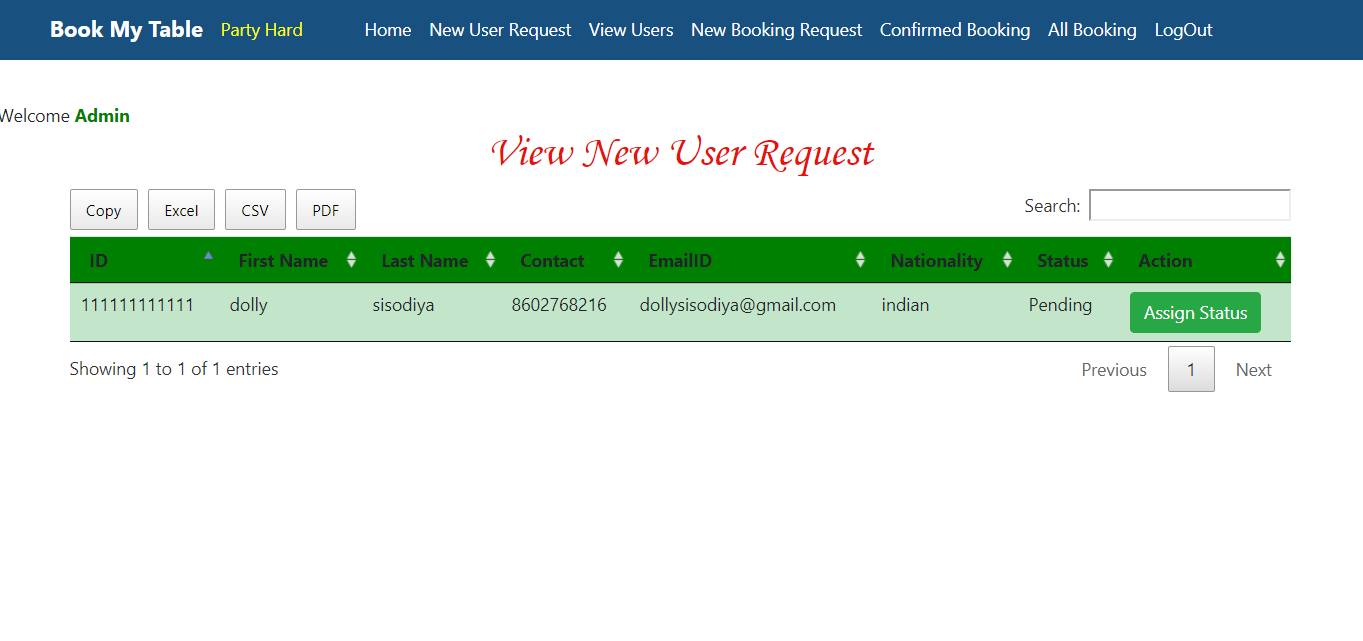
****

Fig.6.10

**VIEW BOOKING REQUEST**

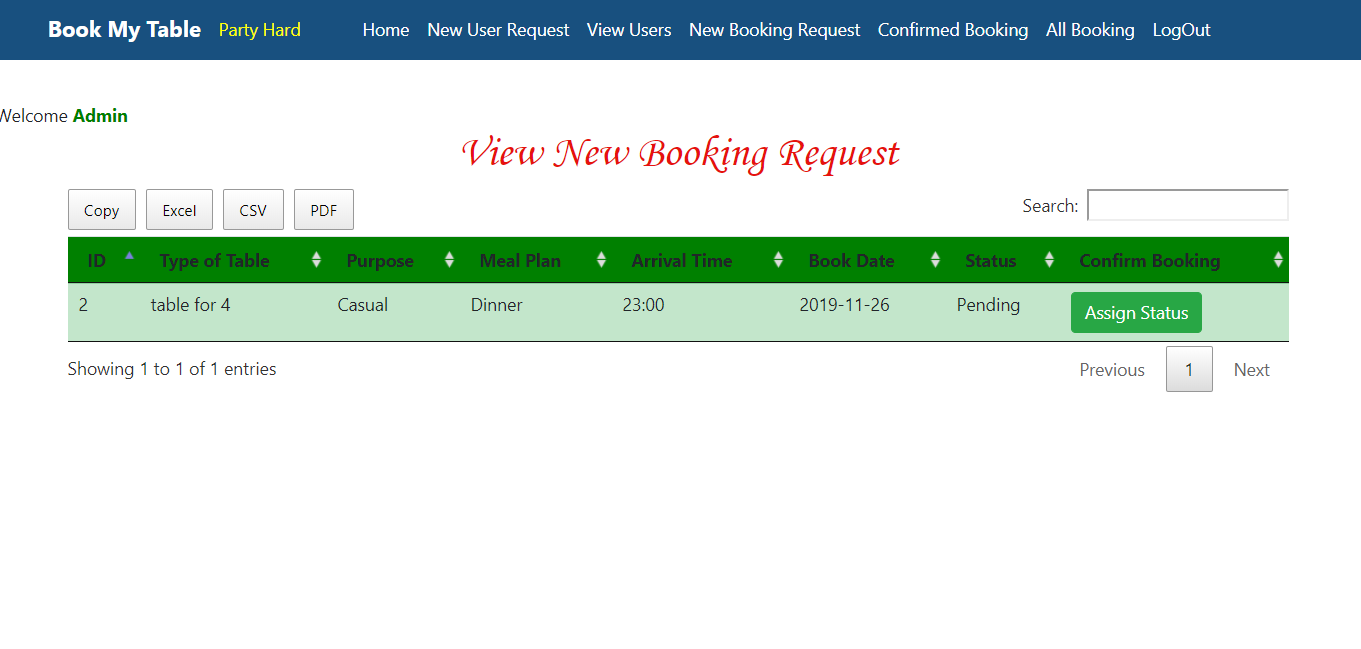
****

Fig.6.11

**VIEW ALL BOOKINGS**

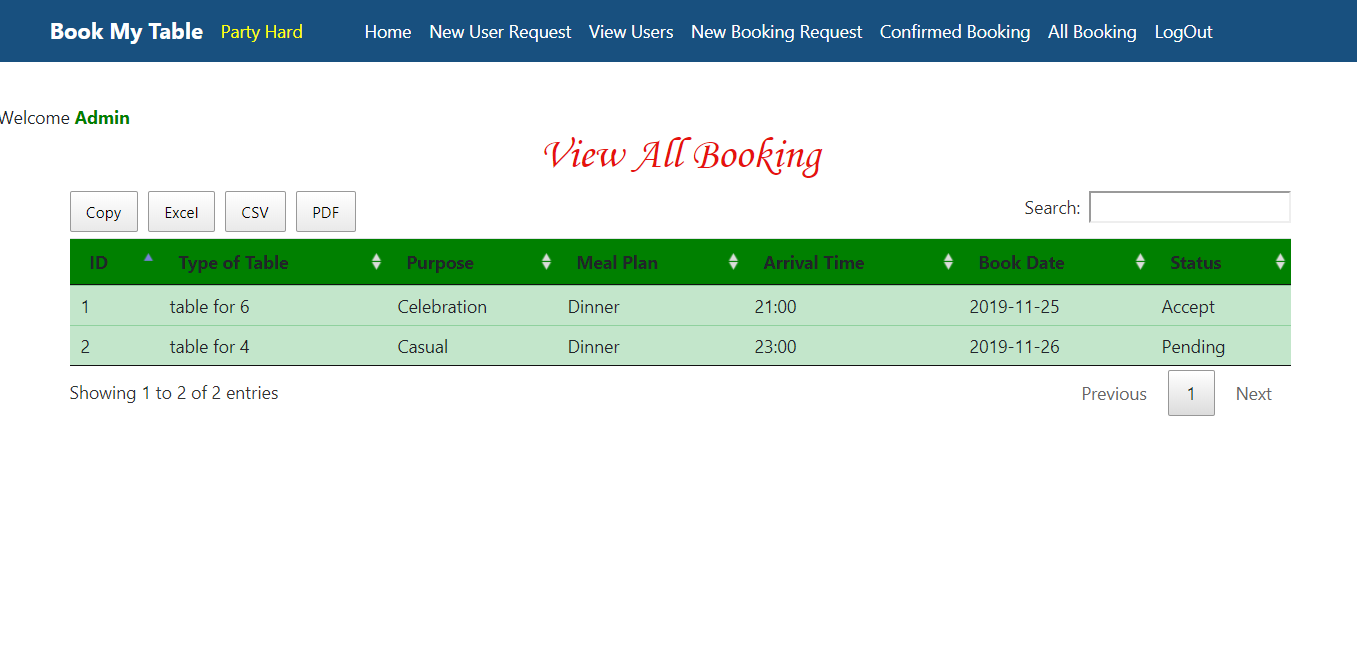
****

Fig.6.12

**CHAPTER** # **7**

***Coding***

**HOME PAGE CODING**

**<html lang="en">**

**<head>**

**<?php include "header.php"; ?>**

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

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

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>**

**</head>**

**<body>**

**<?php include "nav1.php"; ?>**

**<div id = "demo" class="carousel slide" data-ride="carousel">**

**<ul class="carousel-indicators">**

**<li data-target="#demo" data-slide-to="0" class="active"></li>**

**<li data-target="#demo" data-slide-to="1" ></li><li data-target="#demo" data-slide-to="2" ></li>**

**<li data-target="#demo" data-slide-to="3" ></li>**

**<li data-target="#demo" data-slide-to="4" ></li>**

**</ul>**

**<div class="carousel-inner">**

**<div class="carousel-item active">**

**<img src = "myimages/1.jpg" style = "height : 600px ; width : 100%"></a>**

**</div>**

**<div class="carousel-item ">**

**<img src = "myimages/2.jpg" style = "height : 600px ; width : 100%"></a>**

**</div>**

**<div class="carousel-item">**

**<img src = "myimages/3.jpg" style = "height : 600px ; width : 100%"></a>**

**</div>**

**<div class="carousel-item">**

**<img src = "myimages/4.jpg" style = "height : 600px ; width : 100%"></a>**

**</div>**

**<div class="carousel-item">**

**<img src = "myimages/5.jpg" style = "height : 600px ; width : 100%"></a>**

**</div>**

**</div>**

**</div>**

**<a class="carousel-control-prev" href="#demo" data-slide="prev">**

**<span class="carousel-control-prev-icon"></span>**

**</a>**

**<a class="carousel-control-next" href="#demo" data-slide="next">**

**<span class="carousel-control-next-icon"></span>**

**</a>**

**</div>**

**</body>**

**</html>**

**USER LOGIN PAGE CODING**

**<?php**

**session\_start();**

**?>**

**<html lang="en">**

**<head>**

**<?php include "header.php"; ?>**

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

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

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>**

**</head>**

**<body>**

**<?php include "nav1.php"; ?>**

**<div class="container" style="margin-top:100px">**

**<h1 class="text-center" style="font-family:'Monotype Corsiva'; color:#E6120E;">User Login</h1>**

**<form method="post">**

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

**<label><b>Contact Number</b></label>**

**<input type="text" name="contact" class="form-control" placeholder="Enter your contact Number">**

**<label><b>Password</b></label>**

**<input type="password" name="password" class="form-control" placeholder="Enter your Password">**

**<br>**

**<input type="checkbox" name="rem">Remember Me**

**<br><br>**

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

**<a href="registration.php" class="btn btn-secondary">Signup</a>**

**</div>**

**</form>**

**</div>**

**</body>**

**</html>**

**<?php**

**include "dbconfigure.php";**

**if(isset($\_POST['login']))**

**{**

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

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

**if(isset($\_POST['rem']))**

**{**

**$remember="yes";**

**}**

**else**

**{**

**$remember="no";**

**}**

**$query=" select count(\*) from siteuser where contact='$contact' and password='$password' and status='accept' ";**

**$ans=my\_login($query);**

**if($ans==1)**

**{**

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

**$\_SESSION['spwd']=$password;**

**if(remember=='yes')**

**{**

**setcookie('ccontact',$contact,time()+60\*60\*24\*7);**

**setcookie('cpassword',$password,time()+60\*60\*24\*7);**

**}**

**header("location:userhome.php");**

**}**

**else**

**{**

**echo '<script>alert("Invalid Login Credentials");</script>';**

**}**

**}**

**?>**

**USER HOME PAGE PAGE CODING**

**<?php**

**session\_start();**

**include "dbconfigure.php";**

**if(verifyuser())**

**{**

**$u=$\_SESSION['sun'];**

**$query="select \* from siteuser where contact='$u'";**

**$rs=my\_select($query);**

**while($row=mysql\_fetch\_array($rs))**

**{**

**$username=$row[1] . " ". $row[2];**

**}**

**echo "<br><br><br><br>Welcome <b style='color:green;text-transform:Capitalize'>$username</b>";**

**}**

**else**

**{**

**header("location:index.php");**

**}**

**?>**

**<html lang="en">**

**<head>**

**<?php include "header.php"; ?>**

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

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

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>**

**<style>**

**td{color : brown ; font-weight : bold}**

**</style>**

**</head>**

**<body>**

**<?php include "nav2.php";**

**$query = "select \* from siteuser where contact='$u'";**

**$rs = my\_select($query);**

**while($row = mysql\_fetch\_array($rs))**

**{**

**?>**

**<div class = container style = "margin-top : 100px">**

**<div class = row>**

**<div class=col-sm-3>**

**</div>**

**<div class=col-sm-6>**

**<table class="table table-hover table-borderless">**

**<tr><th>ID</th><td><?php echo $row[0] ?></td></tr>**

**<tr><th>FirstName</th><td><?php echo $row[1] ?></td></tr>**

**<tr><th>LastName</th><td><?php echo $row[2] ?></td></tr>**

**<tr><th>Contact</th><td><?php echo $row[3] ?></td></tr>**

**<tr><th>Email ID</th><td><?php echo $row[5] ?></td></tr>**

**<tr><th>Nationality</th><td><?php echo $row[6] ?></td></tr>**

**</table>**

**<form method = post>**

**<input type = submit value = "Edit Profile" class = "btn btn-primary" name=edit>**

**</form>**

**</div>**

**<div class=col-sm-3>**

**</div>**

**</div>**

**</div>**

**<?php**

**}**

**?>**

**</body>**

**</html>**

**<?php**

**if(isset($\_POST['edit']))**

**{**

**header("location:editprofile.php");**

**}**

**?>**

**TABLE RESERVATION PAGE CODING**

**<?php**

**session\_start();**

**?>**

**<html lang="en">**

**<head>**

**<?php include "header.php"; ?>**

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

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

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>**

**</head>**

**<body>**

**<?php include "nav2.php"; ?>**

**<div class="container" style="margin-top:100px">**

**<h1 class="text-center" style="font-family:'Monotype Corsiva'; color:#E6120E;">Book Your Table</h1>**

**<form method="post">**

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

**<label><b>Type of Table</b></label>**

**<select class="form-control" name="typeoftable" >**

**<option selected>-----Select Number Of Person-----</option>**

**<option value="table for 2">Table For 2 Person</option>**

**<option value="table for 3">Table For 3 Person</option>**

**<option value="table for 4">Table For 4 Person</option>**

**<option value="table for 5">Table For 5 Person</option>**

**<option value="table for 6">Table For 6 Person</option>**

**</select>**

**<label><b>Purpose</b></label>**

**<select class="form-control" name="purpose" >**

**<option selected>-----Select Purpose-----</option>**

**<option value="Meeting">Meeting</option>**

**<option value="Casual">Casual</option>**

**<option value="Celebration">Celebration</option>**

**</select>**

**<label><b>Meal Plan</b></label>**

**<select class="form-control" name="mealplan" >**

**<option selected>-----Select Meal Plan-----</option>**

**<option value="Breakfast">Breakfast</option>**

**<option value="Lunch">Lunch</option>**

**<option value="Dinner">Dinner</option>**

**</select>**

**<label><b>Time</b></label>**

**<input type="time" name="arrivaltime" class="form-control">**

**<label><b>Date</b></label>**

**<input type="date" name="bookdate" class="form-control">**

**<br>**

**<input type="submit" class="form-control btn btn-primary" value="Submit" name="submit" >**

**</div>**

**</form>**

**</div>**

**</body>**

**</html>**

**<?php**

**include "dbconfigure.php";**

**if(isset($\_POST['submit']))**

**{**

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

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

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

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

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

**$status="Pending";**

**$userid=$\_SESSION['sun'];**

**$query="insert into booking(userid,typeoftable,purpose,mealplan,arrivaltime,bookdate,status) values('$userid','$typeoftable','$purpose','$mealplan','$arrivaltime','$bookdate','$status')";**

**$n=my\_iud($query);**

**if($n==1)**

**{**

**echo '<script>alert("Table Reservation Successfull..");**

**window.location="viewmybooking.php";</script>';**

**}**

**else**

**{**

**echo '<script>alert("Something Went Wrong.. Try Again");</script>';**

**}**

**}**

**?>**

**VIEW MY BOOKING PAGE CODING**

**<?php**

**session\_start();**

**$user=$\_SESSION['sun'];**

**include "dbconfigure.php";**

**if(verifyuser())**

**{**

**$u=$\_SESSION['sun'];**

**$query="select \* from siteuser where contact='$u'";**

**$rs=my\_select($query);**

**while($row=mysql\_fetch\_array($rs))**

**{**

**$username=$row[1] . " ". $row[2];**

**}**

**echo "<br><br><br><br>Welcome <b style='color:green;text-transform:Capitalize'>$username</b>";**

**}**

**else**

**{**

**header("location:index.php");**

**}**

**?>**

**<html lang="en">**

**<head>**

**<?php include "header.php"; ?>**

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

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

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>**

**</head>**

**<body>**

**<?php include "nav2.php"; ?>**

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

**<h1 class="text-center" style="font-family:'Monotype Corsiva';color:#E6120E">View Booking</h1>**

**<?php**

**$query="select \* from booking where userid='$u'";**

**$rs=my\_select($query);**

**?>**

**<div class="table-responsive">**

**<table id="example" class="table table-hover">**

**<thead style="background-color:green">**

**<tr>**

**<th>ID</th>**

**<th>Type of Table</th>**

**<th>Purpose</th>**

**<th>Meal Plan</th>**

**<th>Arrival Time</th>**

**<th>Book Date</th>**

**<th>Status</th>**

**<th>Confirm Booking</th>**

**</tr>**

**</thead>**

**<tbody>**

**<?php**

**while($row=mysql\_fetch\_array($rs))**

**{**

**?>**

**<tr class="table-success">**

**<td> <?php echo $row[0]; ?> </td>**

**<td> <?php echo $row[2]; ?> </td>**

**<td> <?php echo $row[3]; ?> </td>**

**<td> <?php echo $row[4]; ?> </td>**

**<td> <?php echo $row[5]; ?> </td>**

**<td> <?php echo $row[6]; ?> </td>**

**<td> <?php echo $row[7]; ?> </td>**

**<?php**

**if($row[7]=='Accept' && $row[8]==null)**

**{**

**?>**

**<td><a href="confirmbooking.php?id=<?php echo $row[0] ?>">Click For Booking</a></td>**

**<?php**

**}**

**else if($row[7]=='Accept' && $row[8]!=null)**

**{**

**?>**

**<td>Booking Confirmed</td>**

**<?php**

**}**

**else**

**{**

**?>**

**<td>Click For Booking</td>**

**<?php**

**}**

**?>**

**</tr>**

**<?php**

**}**

**?>**

**</tbody>**

**</div>**

**</div>**

**<script>**

**$(document).ready(function() {**

**$('#example').DataTable( {**

**dom: 'Bfrtip',**

**buttons: [**

**'copyHtml5',**

**'excelHtml5',**

**'csvHtml5',**

**'pdfHtml5'**

**]**

**} );**

**} );**

**</script>**

**</body>**

**</html>**

**ADMIN HOME PAGE CODING**

**<?php**

**session\_start();**

**include "dbconfigure.php";**

**if(verifyuser())**

**{**

**$u=$\_SESSION['sun'];**

**echo "<br><br><br><br>Welcome <b style='color:green;text-transform:Capitalize'>$u</b>";**

**}**

**else**

**{**

**header("location:index.php");**

**}**

**?>**

**<html lang="en">**

**<head>**

**<?php include "header.php"; ?>**

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

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

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>**

**</head>**

**<body>**

**<?php include "nav2.php"; ?>**

**<div class="container" style = "margin-top : 150px">**

**<div class=row>**

**<div class="col-sm-4" style = "background-color : lightcyan ; height : 100px ; font-size : 20pt ; font-family : cursive; text-align : center">**

**<p style = "color : maroon">Total Booking Request</p>**

**<p style = "color : purple"><?php echo totalbookingrequest()?></p>**

**</div>**

**<div class="col-sm-4" style = "background-color : mistyrose ; height : 100px ; font-size : 20pt ; font-family : cursive ; text-align : center">**

**<p style = "color : maroon">Total New User Request</p>**

**<p style = "color : purple"><?php echo totaluserrequest()?></p>**

**</div>**

**<div class="col-sm-4" style = "background-color : wheat ; height : 100px ; font-size : 20pt ; font-family : cursive ; text-align : center">**

**<p style = "color : maroon">Total No. of Users</p>**

**<p style = "color : purple" ><?php echo totalusers()?></p>**

**</div>**

**</div>**

**</div>**

**</body>**

**</html>**

**ASSIGN BOOKING STATUS**

**<?php**

**session\_start();**

**include "dbconfigure.php";**

**$bookingid=$\_GET['id'];**

**if(verifyuser())**

**{**

**$u=$\_SESSION['sun'];**

**echo "<br><br><br><br>Welcome <b style='color:green;text-transform:Capitalize'>$u</b>";**

**}**

**else**

**{**

**header("location:index.php");**

**}**

**?>**

**<html lang="en">**

**<head>**

**<?php include "header.php"; ?>**

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

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

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>**

**</head>**

**<body>**

**<?php include "nav2.php"; ?>**

**<div class="container" style="margin-top:100px;">**

**<form method="post">**

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

**<label><b> Booking ID</b></label>**

**<input type="text" class="form-control" name="contact" value="<?php echo $bookingid?>" readonly >**

**<br>**

**<label><b>Status</b></label>**

**<select name="status">**

**<option selected>-----Select Status----------</option>**

**<option value="Accept">Accept </option>**

**<option value="reject">Reject </option>**

**</select>**

**<br>**

**<br>**

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

**</div>**

**</form>**

**</div>**

**<?php**

**if(isset($\_POST['submit']))**

**{**

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

**$query="update booking set status='$status' where id='$bookingid'";**

**my\_iud($query);**

**header("location:newbookingrequest.php");**

**}**

**?>**

**</body>**

**</html>**

**VIEW ALL BOOKINGS PAGE**

**<?php**

**session\_start();**

**include "dbconfigure.php";**

**if(verifyuser())**

**{**

**$u=$\_SESSION['sun'];**

**echo "<br><br><br><br>Welcome <b style='color:green;text-transform:Capitalize'>$u</b>";**

**}**

**else**

**{**

**header("location:index.php");**

**}**

**?>**

**<html lang="en">**

**<head>**

**<?php include "header.php"; ?>**

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

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

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>**

**<script src="https://code.jquery.com/jquery-3.3.1.js"></script>**

**<script src="https://cdn.datatables.net/1.10.20/js/jquery.dataTables.min.js"></script>**

**<script src="https://cdn.datatables.net/buttons/1.6.0/js/dataTables.buttons.min.js"></script>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/jszip/3.1.3/jszip.min.js"></script>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/pdfmake/0.1.53/pdfmake.min.js"></script>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/pdfmake/0.1.53/vfs\_fonts.js"></script>**

**<script src="https://cdn.datatables.net/buttons/1.6.0/js/buttons.html5.min.js"></script>**

**<link rel="stylesheet" href="https://cdn.datatables.net/1.10.20/css/jquery.dataTables.min.css">**

**<link rel="stylesheet" href="https://cdn.datatables.net/buttons/1.6.0/css/buttons.dataTables.min.css">**

**</head>**

**<body>**

**<?php include "nav2.php"; ?>**

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

**<h1 class="text-center" style="font-family:'Monotype Corsiva';color:#E6120E">View All Booking</h1>**

**<?php**

**$query="select \* from booking";**

**$rs=my\_select($query);**

**?>**

**<div class="table-responsive">**

**<table id="example" class="table table-hover">**

**<thead style="background-color:green">**

**<tr>**

**<th>ID</th>**

**<th>Type of Table</th>**

**<th>Purpose</th>**

**<th>Meal Plan</th>**

**<th>Arrival Time</th>**

**<th>Book Date</th>**

**<th>Status</th>**

**</tr>**

**</thead>**

**<tbody>**

**<?php**

**while($row=mysql\_fetch\_array($rs))**

**{**

**?>**

**<tr class="table-success">**

**<td> <?php echo $row[0]; ?> </td>**

**<td> <?php echo $row[2]; ?> </td>**

**<td> <?php echo $row[3]; ?> </td>**

**<td> <?php echo $row[4]; ?> </td>**

**<td> <?php echo $row[5]; ?> </td>**

**<td> <?php echo $row[6]; ?> </td>**

**<td> <?php echo $row[7]; ?> </td>**

**</tr>**

**<?php**

**}**

**?>**

**</tbody>**

**</div>**

**</div>**

**<script>**

**$(document).ready(function() {**

**$('#example').DataTable( {**

**dom: 'Bfrtip',**

**buttons: [**

**'copyHtml5',**

**'excelHtml5',**

**'csvHtml5',**

**'pdfHtml5'**

**]**

**} );**

**} );**

**</script>**

**</body>**

**</html>**

**CHAPTER** # **8**

**Advantages & Limitations**

**Advantages of “Online Restaurant Table Reservation System”:**

“Online Restaurant Table Reservation System” provides various features, which complement the information system and increase the productivity of the system. These features make the system easily usable and convenient. Some of the important features included are listed as follows:

* Intelligent User Forms Design
  + - Data access and manipulation through same forms
    - Access to most required information
* Data Security
* Restrictive data access, as per login assigned only.
* Organized and structured storage of facts.
* Strategic Planning made easy.
* No decay of old Records.
* Exact financial position of the Business.

**Limitations of “Online Restaurant Table Reservation System”:**

Besides the above achievements and the successful completion of the project, we still feel the project has some limitations, listed as below:

* 1. It is not a large scale system.
  2. Only limited information provided by this system.
  3. Since it is an online project, customers need internet connection.
  4. People who are not familiar with computers can’t use this software.

**CHAPTER** # **9**

**Future Scope**

**FUTURE SCOPE**

Thisweb application involves almost all the features of the online booking. The future implementation will be online help for the customers and chatting with website administrator.

**CONCLUSION**

The project entitled “Online Restaurant Table Reservation” is developed using HTML , CSS and Bootstrap as front end and PHP , MYSQL database in back end to computerize the process of online restaurant table booking. This project covers only the basic features required.

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* **FOR MY SQL**
* <http://www.mysql.com/>
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* **FOR APACHE**
* <http://www.apache.org/>
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* <http://www.eclipse.org/pdt/>
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* [**https://econsortium.aktu.ac.in/?p=53567**](https://econsortium.aktu.ac.in/?p=53567)
* [**https://econsortium.aktu.ac.in/?p=44663**](https://econsortium.aktu.ac.in/?p=44663)
* [**https://econsortium.aktu.ac.in/?p=45859**](https://econsortium.aktu.ac.in/?p=45859)
* [**https://econsortium.aktu.ac.in/?p=50743**](https://econsortium.aktu.ac.in/?p=50743)
* [**https://econsortium.aktu.ac.in/?p=48665**](https://econsortium.aktu.ac.in/?p=48665)
* [**https://econsortium.aktu.ac.in/?p=44431**](https://econsortium.aktu.ac.in/?p=44431)
* [**https://econsortium.aktu.ac.in/?p=47417**](https://econsortium.aktu.ac.in/?p=47417)
* [**https://econsortium.aktu.ac.in/?p=48102**](https://econsortium.aktu.ac.in/?p=48102)
* [**https://econsortium.aktu.ac.in/?p=47417**](https://econsortium.aktu.ac.in/?p=47417)