SOFTWARE ENGINEERING PROJECT (CSE-3001)

FINAL PROJECT REPORT FOR SMART PARKING SYSTEM (IOT)

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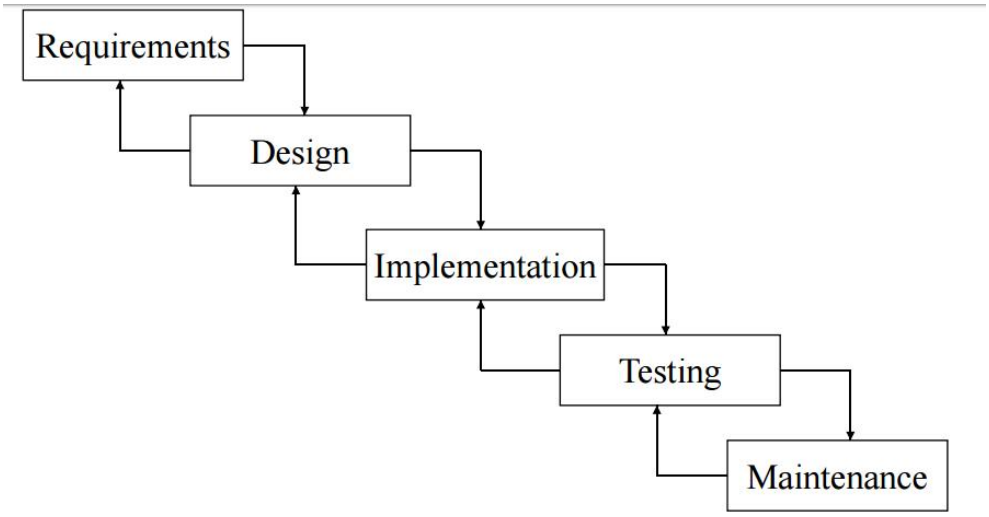
ABSTRACT

Our proposed project is an online parking booking system which provides users a way of reserving a parking space online. It helps to overcome the problem finding a place for parking in commercial areas that unnecessarily consumes time. In this project study we design a Smart Parking System (SPS) which enables the user to find the nearest parking area and gives availability of parking slots in that respective parking area. And it mainly focus on reducing the time in finding the parking lots and also it avoids the unnecessary travelling through filled parking lots in a parking area.
The project will be a web-based (IOT/MATLAB) reservation system where users can view various parking areas and select the space to view whether space is available or not. If the booking space is available which will be checked upon by the SMART PARKING SYSTEM (SPS), then he/she can book it for a specific time slot. Users can also make online payment for booking. The Smart Parking System is designed by making use of some IOT supportable hardware's such as raspberry pi, auridino boards etc. The users can also payment and can be notified about the booking with unique parking number. Our software will provide the user with the options like

PROCESS MODEL:

WATERFALL MODEL

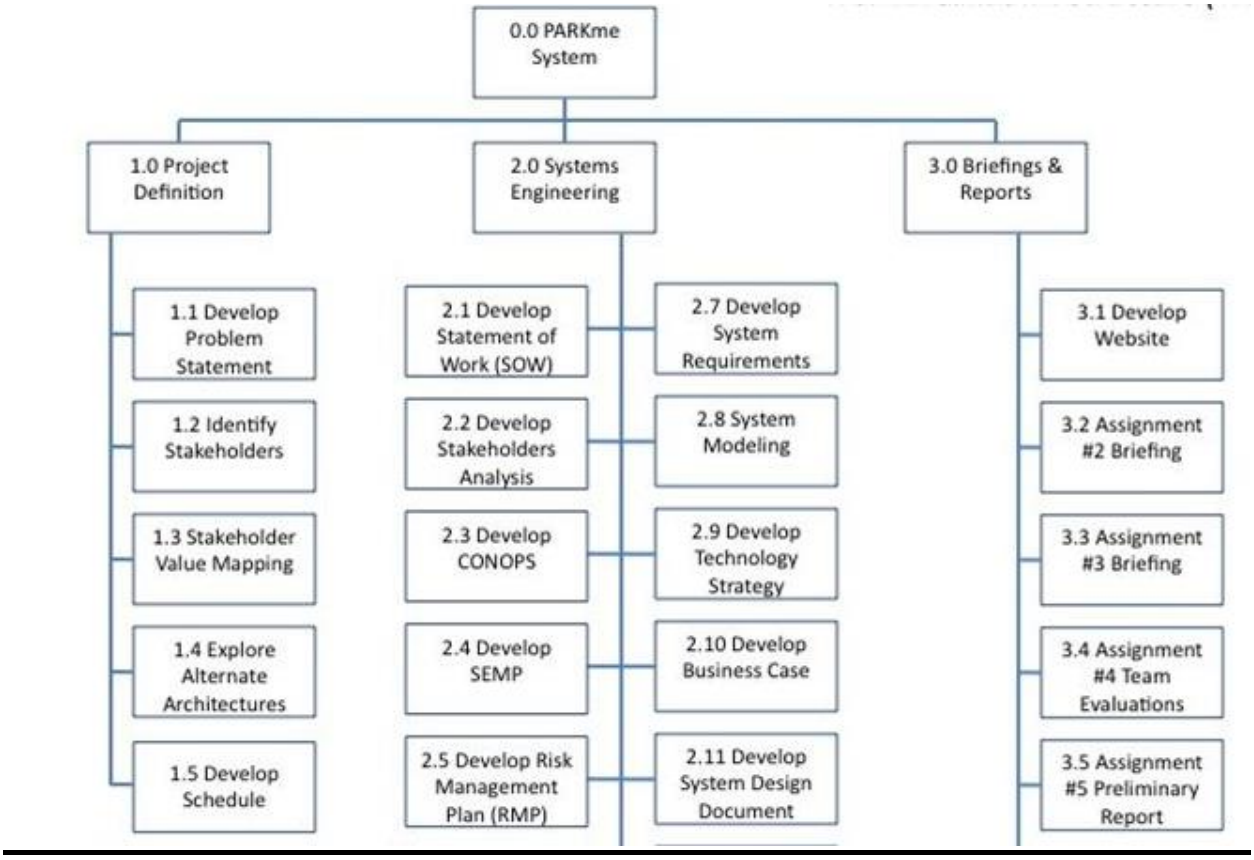
In this model, the process of software development is represented by a sequence of steps. The sequential phases are what make this model linear, simple and systematic in nature. Each phase must be completed before you can move to next phase.



WHY WE TOOK THIS MODEL

- It is easy to understand and implement easy to understand and implement.
- It prohibits skipping any phase in the sequence.
- It is ideal for our project as the requirements and goals of the project are well established in advance.
- Product definition is stable
- Technology is understood
- As it is suited for Milestone-Focused Development and we are looking for this kind of development for our application.

WORK BREAKDOWN STRUCTURE



SOFTWARE REQUIREMENTS SPECIFICATION

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1. Introduction

1.1 Purpose

Our project is about the parking slot booking system. The website provides the user to book their place on a particular day for their selected venue. It is linked with the slots using IOT which tells whether a particular slot is empty or not.

1.2 Existing System

Passengers are unable to reserve parking spots online, the existing system is for passengers/travellers to get to the venue and take whatever space they find available or use other parking facilities that are few miles from the venue and operated by other companies.

1.3 Document Conventions

When writing this document it was inherited that all requirements have the same priority.
First there is presented an overall view about Parking Management System and then all features and functions are analyzed in detail.

1.4 Intended Audience and Reading Suggestions

This document is to be read by the development team, the project manager, marketing staff, testers and documentation writers. Our stakeholders, company manufacturing associated hardware, company providing embedded operating system, shareholders of Parking Slot Booking System and distributors who markets the finished product, may review the document to learn about the project and to understand the requirements. The SRS has been organized approximately in order of increasing specificity. The developers and project managers need to become intimately familiar with the SRS. Others involved need to review the document as such:

Overall Description – Marketing staff have to become accustomed to the various product features in order to effectively advertise the product.

System features – Testers need an understanding of the system features to develop meaningful test cases and give useful feedback to the developers.

External Interface Requirements – The hardware developers need to know the requirements of the device they need to build. The marketing staff also needs to understand the external interface requirements to sell the product by describing the user-friendly features of the Parking Slot Booking System.

Nonfunctional and Functional Requirements – The hardware developers.

1.5 Product Scope

The project aims to avoid the rush in parking slots for choosing an empty space. The application shall run on different platforms. The application forms an individual parking space for each vehicle prior to their entry in that area/zone. The application asks the user to choose their desired space for parking. The application mainly checks this capability.

1.6 References

IEEE. IEEE Std 830-1998 IEEE Recommended Practice for Software Requirements Specifications. IEEE Computer Society, 1998
Bheodari_Palmer_Sogbesan_Dindar_IS8060_TermProject
http://www.tandfonline.com/doi/abs/10.1080/01441649108716773
http://www.qasigma.com/2008/12/software-quality-attributes.html

2. Overall Description

2.1 Product Perspective

The product is overall developed to reduce the number of cars waiting or searching for parking venues. The application will track the location of the empty space/lot for vehicles and notify on the website. The project is first developed on a Web-based application like a website, but later it can be developed on Android/IOS applications if the customers want.

2.2 Product Functions

i) User login/registration: Users have to first register themselves to login into the system.

ii) Parking areas: The system will provide users with parking areas of different locations.

iii) Selecting The Day: User will then be directed to page where he/she has to select the day when they want to book.

iv) Receipt generation: After selection of their desired day and venue they will receive a message "Your Booking Has Been Successfully Done" and a receipt will be generated confirming their booking.

v) Parking cancellation: User has an option to cancel their booked places.

vi) View Booking: User can view their bookings by login into the system anytime.

vii) Feedback Option: User has an option to fill up the feedback regarding the website.

2.3 User Classes and Characteristics

A user can only have his/her customer ID number as username so if he/she joins the parking house then only he/she can login. This prevents misuse, unauthorized access and hacking of the product.

2.4 Operating Environment

The application will be designed to run as a Web-based application (e.g. a website).
System requirements:

1. Hardware

- Processor (At least Pentium 4)
- Sufficient RAM

- HARD Disk
- IOT connected Slot Detector
- Other normal computer hardware parts

2. Software

- Operating System
- IOT based System
- Application Server (XAMPP SERVER)
- Front End
- HTML
- CSS
- PHP
- JAVA SCRIPTS
- Back End
- MySQL

2.5 Design and Implementation Constraints

The online parking system will do the following:
- Be able to allow end users reserve parking spots online

- Kept updated with real-time information to ensure no spot is double booked.

- Allow end users must be able to find parking spots in various places.

- Accept various payment options.

- Print parking receipt and voucher.

- Be integrated and be user friendly and easy to navigate to enable those with little technological knowledge use the system.

General Constraints
Server capacity is how many users can access or can be online at once. More is the number of users more will be the network traffic and hence the server comes in a downstate.
Personal firewall and updating is a tough task, it should be such that it should not block the network traffic, making the system slower.

2.6 User Documentation

The system will be very user friendly and anyone can access it in a smooth manner but however if someone have any issues regarding the functioning then he/she can refer user manuals, on-line help or tutorials for understanding.

2.7 Assumptions and Dependencies

- This system should work even when the traffic is too high.
- Server should have a power backup as well as database backup.
- Parking System should be compatible with most of the operating systems (i.e. previous and latest ones)

3. External Interface Requirements

3.1 User Interfaces

The end users are the employees of the parking house. The end users can have an access to their accounts. The administrators have also an account to generate reports and manage payments of users.

3.2 Hardware Interfaces

The external hardware interface used for accessing the Parking System is the personal computers of the end users.

3.3 Software Interfaces

The Operating Systems can be any version of Windows, Linux, UNIX or Mac which supports TCP/IP protocols.

3.4 Communications Interfaces

The communication interface is a local area network through Ethernet or can be of any broadband connection or any Internet service provider.

4. System Features

4.1 Feasibility

4.1.1 Legal feasibility

The proposed parking system will not only collect but also process and store sensitive data such as credit card/debit card information. The information is significant in processing the financial transactions when the customers are paying the parking fees. Such information is also considered personally identifiable as it can be used in uniquely identifying the clients utilizing the parking.
In the present age, there are a lot of malicious individuals looking to secure access to such information for their personal gain. Privacy laws or data protection acts, require all companies handling sensitive information to do with a lot of caution so as to protect the identity and funds of their customers. As a result, adequate measures have to be taken to ensure that the new system is secure so as to protect the clients' identity as well as from other losses in the event of an attack.

4.1.2 Operational Feasibility

The new system will not only solve the issues associated to the existing system but also capitalize on the opportunities present. Some of the problems associated the existing system include; first time customers find it difficult in locating parking areas when they arrive at the venue, issues with identifying the most appropriate parking, entering full parking lots then having to find new lots, and use of paper tickets which are also easily misplaced by the customers. The new system is expected to solve these problems and capitalize on the market opportunities. This parking system hence boosting the revenue generated due to the fact that eliminating these issues will encourage more customers to utilize the services provides this. The new system will also fit with the existing business environment hence optimizing the performance of the parking hence enabling it attain its objectives. This is due to the fact that the new system will be able to integrate and co-exist with the current system.

4.1.3 Technical Feasibility

The current system collects processes and stores many customer data utilized in the day-to-day operations of the parking. However, the current system is associated to various faults. This is due to the fact that some of the customers have issues with finding parking areas, identify most appropriate parking and also lose their paper tickets. Therefore, the new system requires a good infrastructure both hardware and software to enable it overcome these challenges successfully.
The software has to be able to process the big data due to the large number of customers while the hardware has to be able to store the large data. The system also needs technically skilled employees so as to operate the IT infrastructure utilized by the parking. Good it infrastructure and technically skilled employees will ensure that services are not interrupted.

4.1.4 Market Feasibility

The location of a business plays a very important role in the success of a business. This is due to the fact that a right location helps a business in attracting a lot of customers hence boosting the sales. A lot of people will not only utilize it but also attract a lot of sales. Therefore, the places will be able to attain a

return on investment in the new system. The generated sales will be enough to help to recover the funds utilized in developing the new system, maintaining it and also pay all of the employees at the parking lot as well as save the extra funds as profits.

5. Other Non-functional Requirements

5.1 Performance Requirements

- The system shall be available 24/7

- When data / information is requested it shall be presented on screen within 2-3 seconds

- System shall be able to accommodate 50 simultaneous users at a time

5.2 Safety Requirements

- No data loss as backup should be taken

- No misuse of user credentials

- Malpractice regarding user's banking details or personal details should not be entertained

5.3 Security Requirements

- Authentication
System users to register using a username/password combination. These users rely on a server certificate issued by a trusted certificate authority, to authenticate the selling system over a secure transport.

- Authorization
Authenticated system users to a deployment can have access to multiple services without having to sign on more than once.

- Identity Management
System must have a way to odd, modify, or delete users who will be accessing system services.

5.4 Software Quality Attributes

Correctness:
- Agreement of program code with specification

- Independence of the actual application of the software system.

Reliability of a software system is defined as the probability that this system fulfils a function (determined by the specifications) for a specified number of input trials under specified input conditions in a specified time interval (assuming that hardware and input are free of errors).
A software system can be seen as reliable if this test produces a low error rate (i.e., the probability that an error will occur in a specified time interval.)
The error rate depends on the frequency of inputs and on the probability that an individual input will lead to an error.

Adequacy:
- The input required of the user should be limited to only what is necessary. The software system should expect information only if it is necessary for the functions that the user wishes to carry out.
The software system should enable flexible data input on the part of the user and should carry out plausibility checks on the input.

- The performance offered by the software system should be adapted to the wishes of the user with the consideration given to extensibility; i.e., the functions should be limited to these in the specification.

- **The results produced by the software system:** The results that a software system delivers should be output in a clear and well-structured form and be easy to interpret. The software system should afford the user flexibility with respect to the scope, the degree of detail, and the form of presentation of the results. Error messages must be provided in a form that is comprehensible for the user.

5.5 Business Rules

The Business objective of the system is to reduce the time customers' spend looking for a parking spot on arrival at the venue.
Having an online parking reservation system will reduce the stress of locating for parking spaces when they arrive at the parking areas and closer to it. Customers will be able to comfortably book in advance and select parking lots of their preference. They can also pay using their debit or credit card. They will have a copy of their receipts and vouchers thus eliminating the added possibility of losing their parking tickets, as they will be able to retrieve it anytime and anywhere.

- First time customers will have located parking areas before they come to the venue
- Customers are able to identify what parking is best for them on the fly
- Customers will have electronic vouchers of reservation tickets reducing the loss of tickets
- Improved customers satisfaction
- Reduce costs by not having to pay employees to operate the gates round the clock. Their time used in other areas of the company to where resources are needed.
- There is need to change the current system

- Customers will not need to enter the parking lot and exit again as there is no available space. The proposed system will reduce congestion at the venue and also reduce gas emission pollution

6. Other Requirements

6.1 Operational Requirements

- The system will draw information from main parking databases, which contain basic information about parking spots/spaces, availability, and price.

- The system will not write information to the main online parking databases.

- The system shall require individual log-in credentials for each user in-order to access their accounts.

- The system shall be accessible via web browser or link

- The system shall be compatible with mobile devices such as Apple and Android smart phone and tablets

- The system will store information entered by the passenger when making the online reservation

6.2 Interface Requirements

- Online Parking Reservation Availability System

- It shall transmit the chosen parking spot to Online Parking Reservation parking Availability system through a programmatic interface.

- It shall poll the Online Parking Reservation Availability System to determine whether a requested parking spot is available.

- When parking Availability System notifies the Online Parking Reservation that specific parking spot is no longer available, Online Parking Reservation shall remove that spot from Availability System.

- User Registration System
  - To allow users to register the system
  - To allow users to unregister the system
  - To check whether user is register for system
  - To submit payment for requested parking spot.
  - To reverse all or part of a previous charge because a user rejected a spot or was not satisfied with it, or parking spot was not available at that time.

Appendix A: Glossary

Stakeholders	A person or group that can affect or will be affected by the new system
Non-Functional Requirements	Criteria that can be used to judge the operation of a system
To-be System	Online Reservation parking system
Functional Requirements	Function of the system and its components
As-Is System	Current parking system at Venues

SOFTWARE DESIGN SPECIFICATION

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3. System Architecture

3.1 User Interfaces

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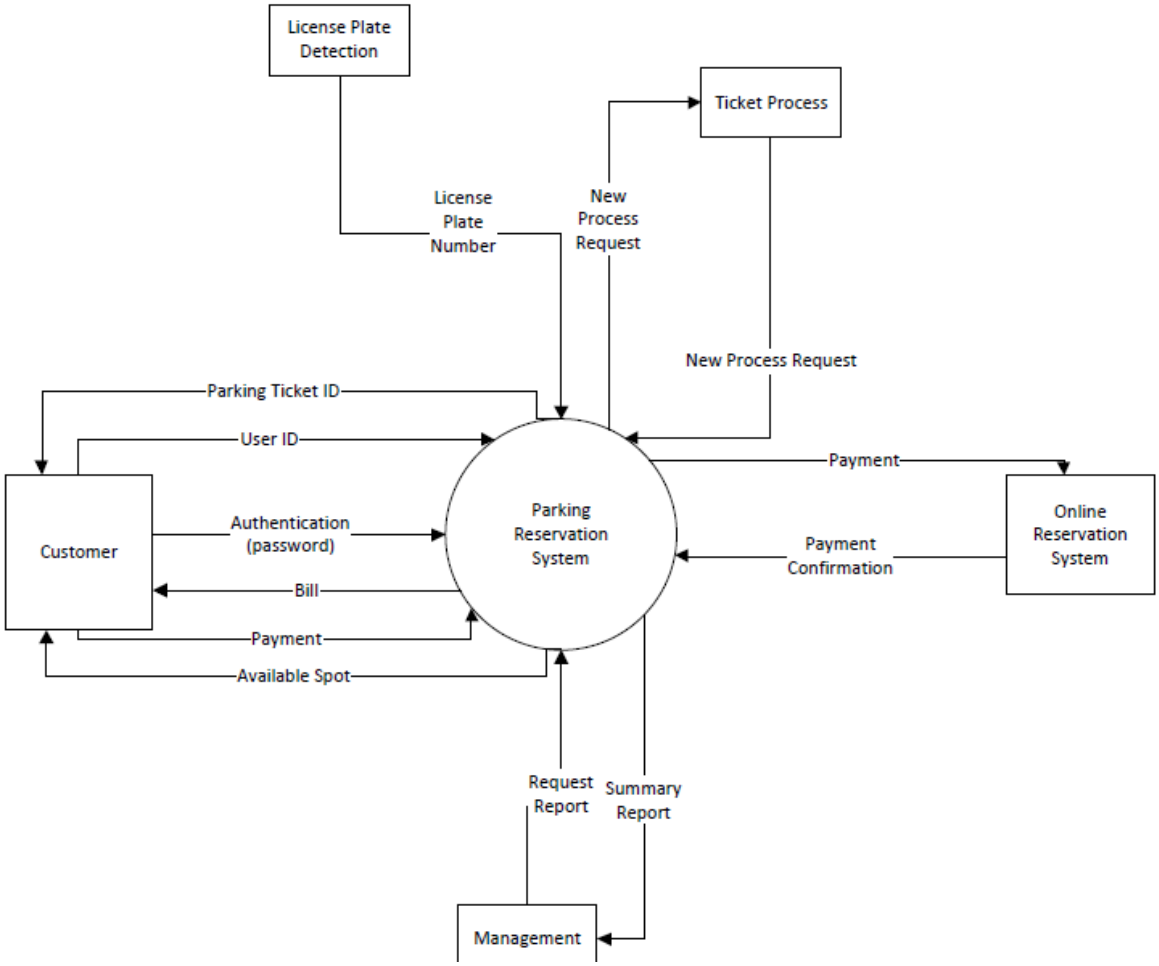
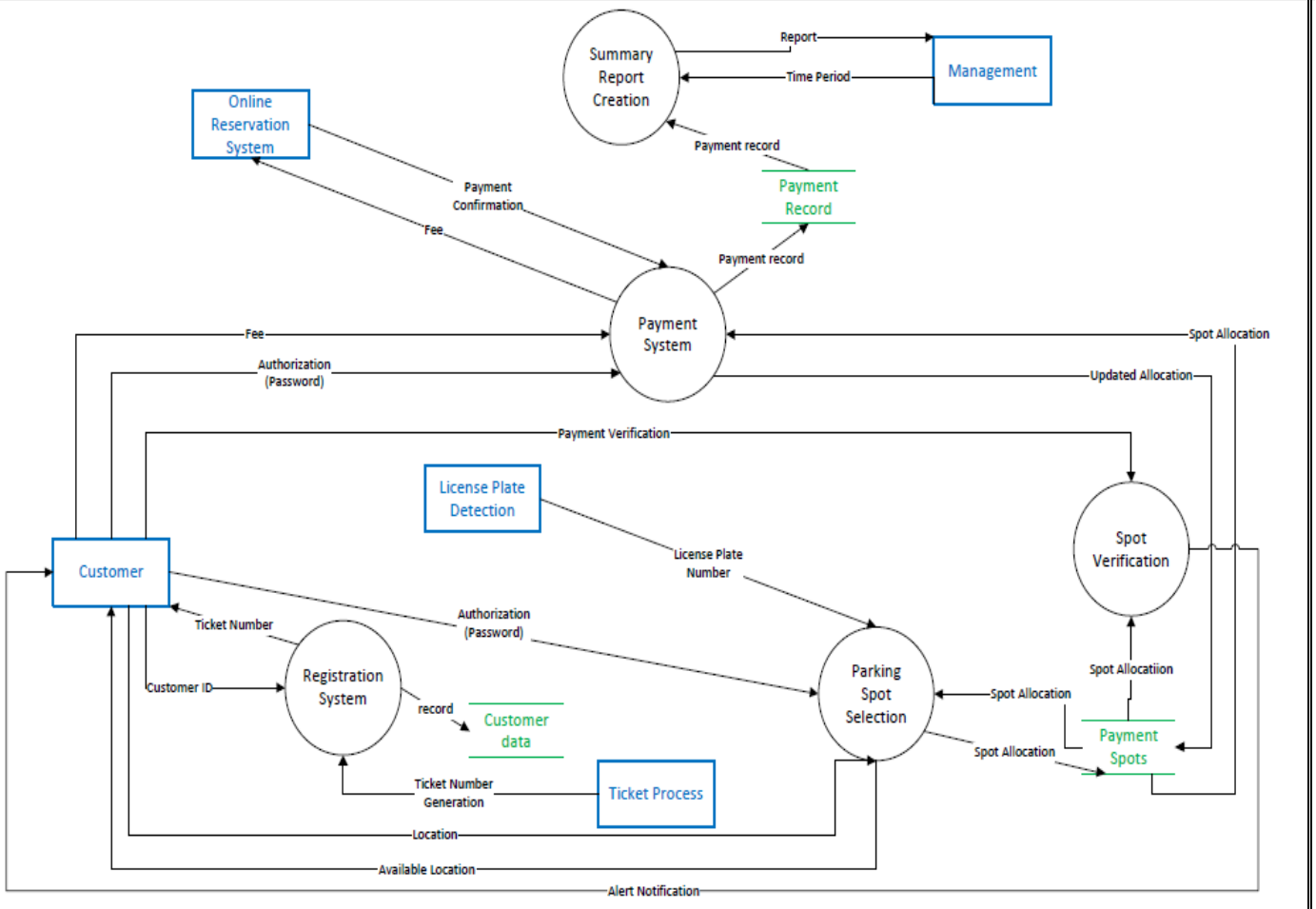
4. Detailed System Design (UML Diagrams)

1.1 Data Flow Diagram Diagram

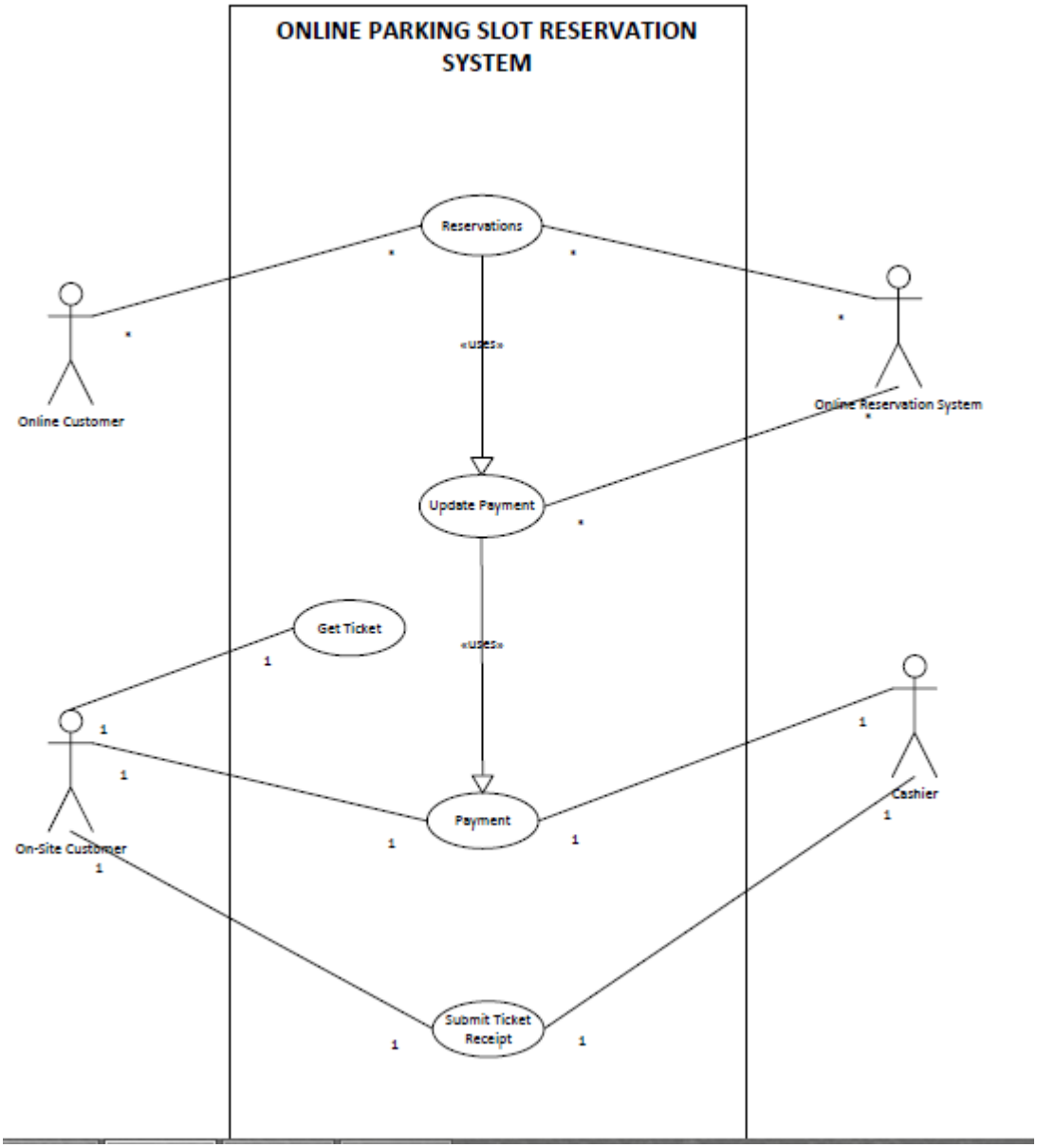
1.1.1 DFD Level-0



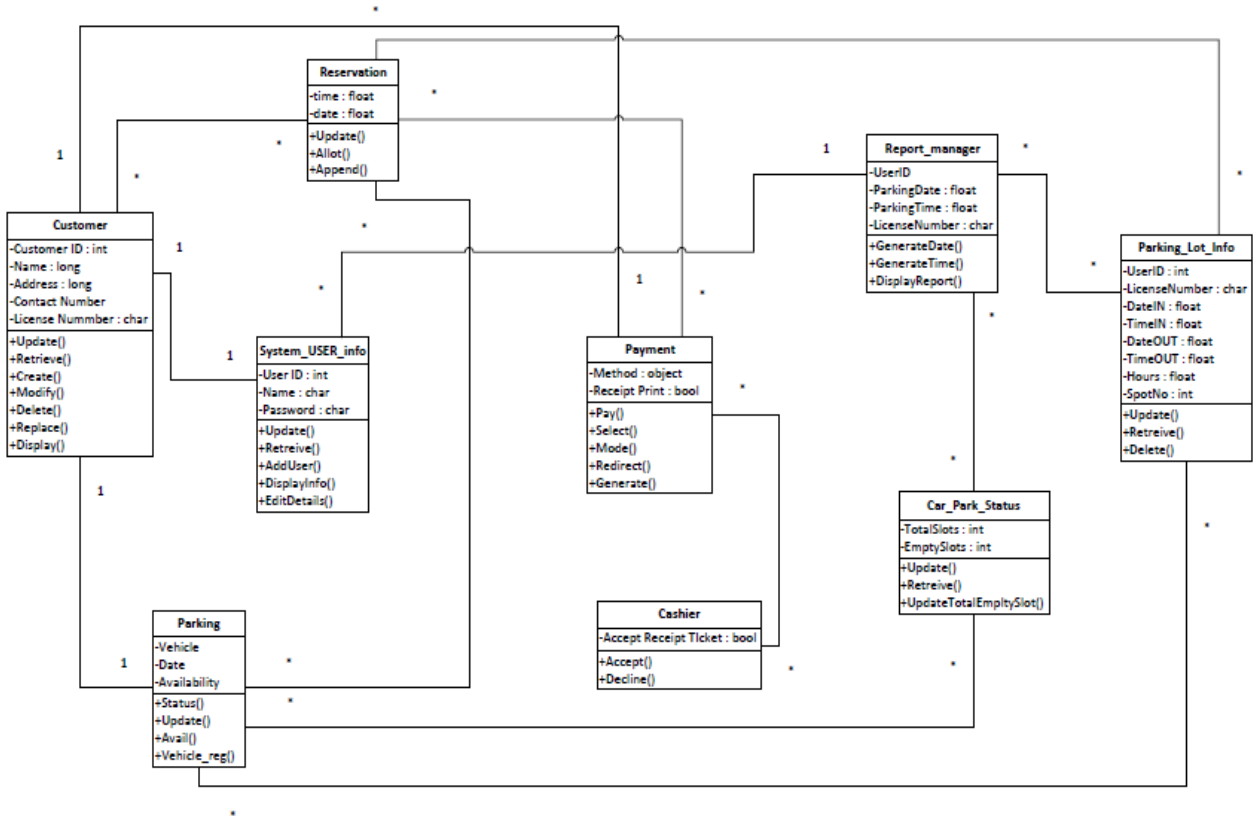
1.1.2 DFD Level-1



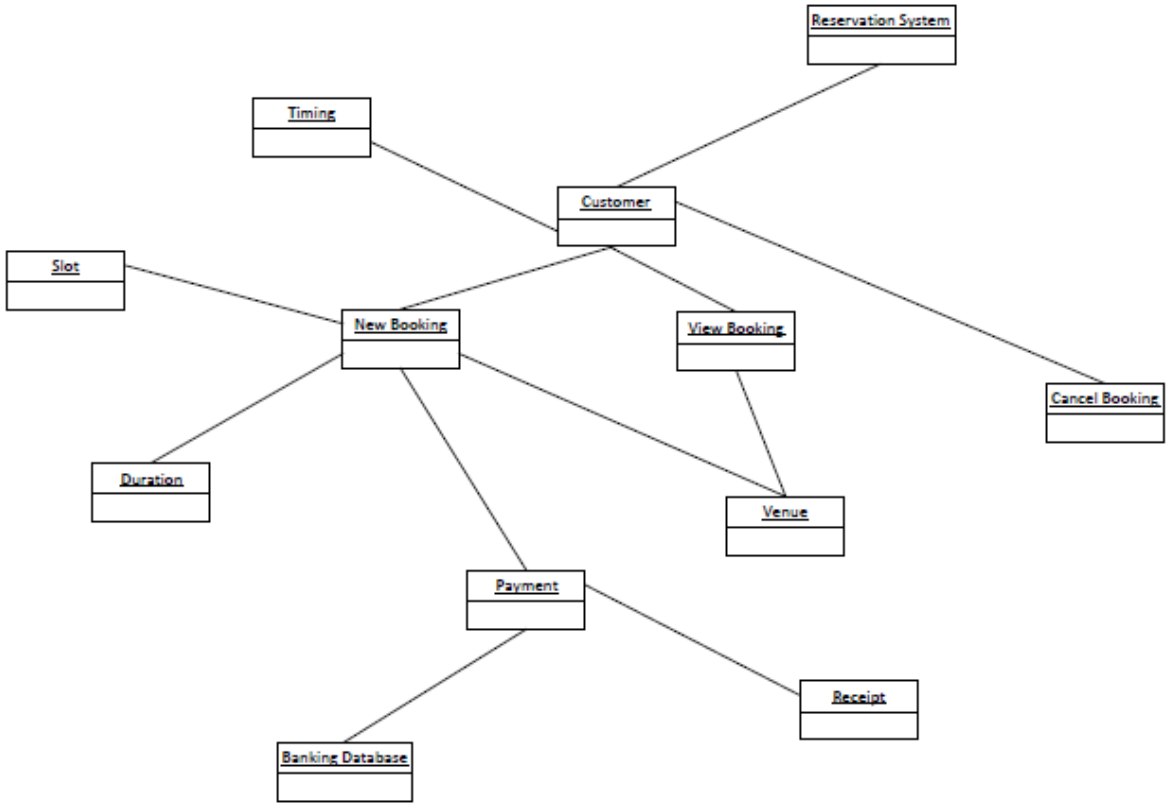
1.2 USE CASE Diagram



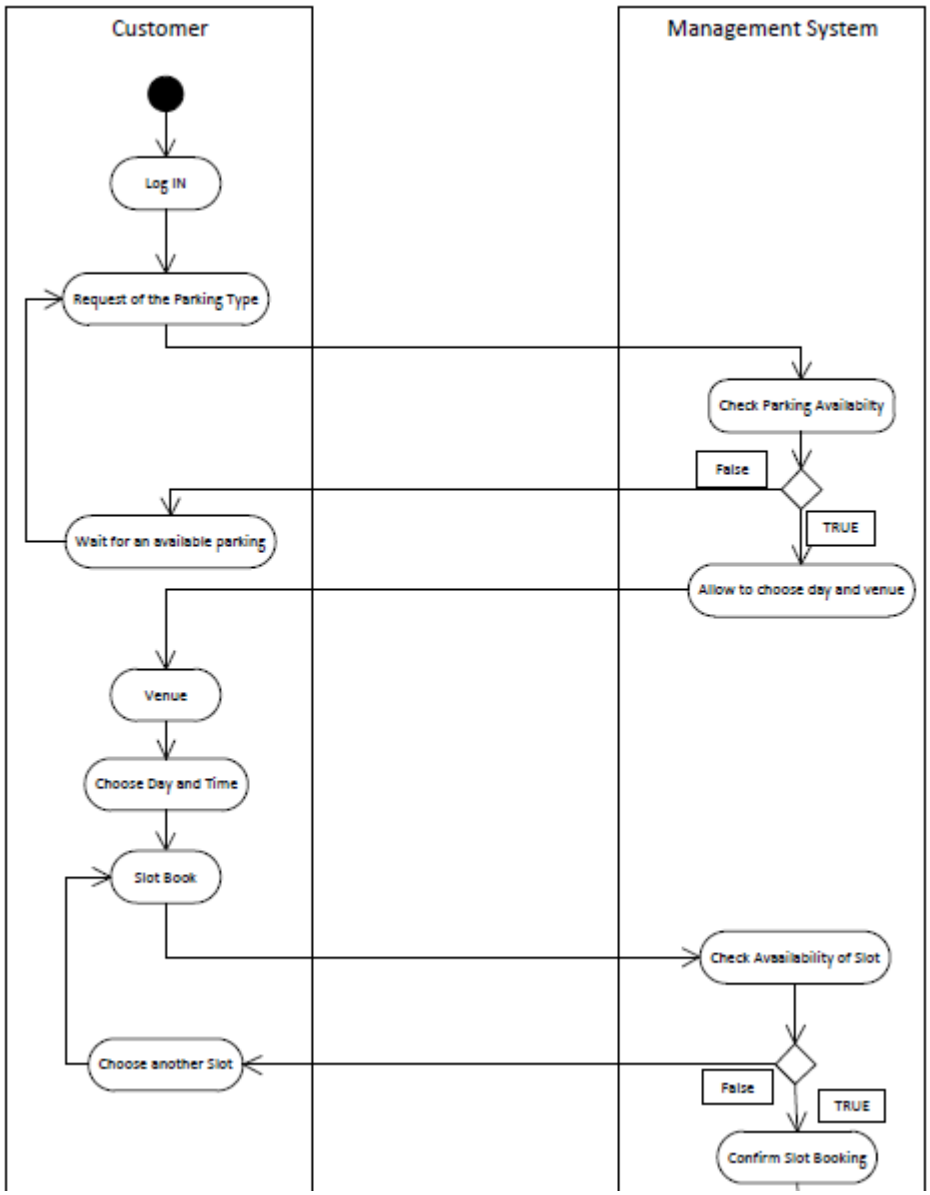
1.3 Class Diagram



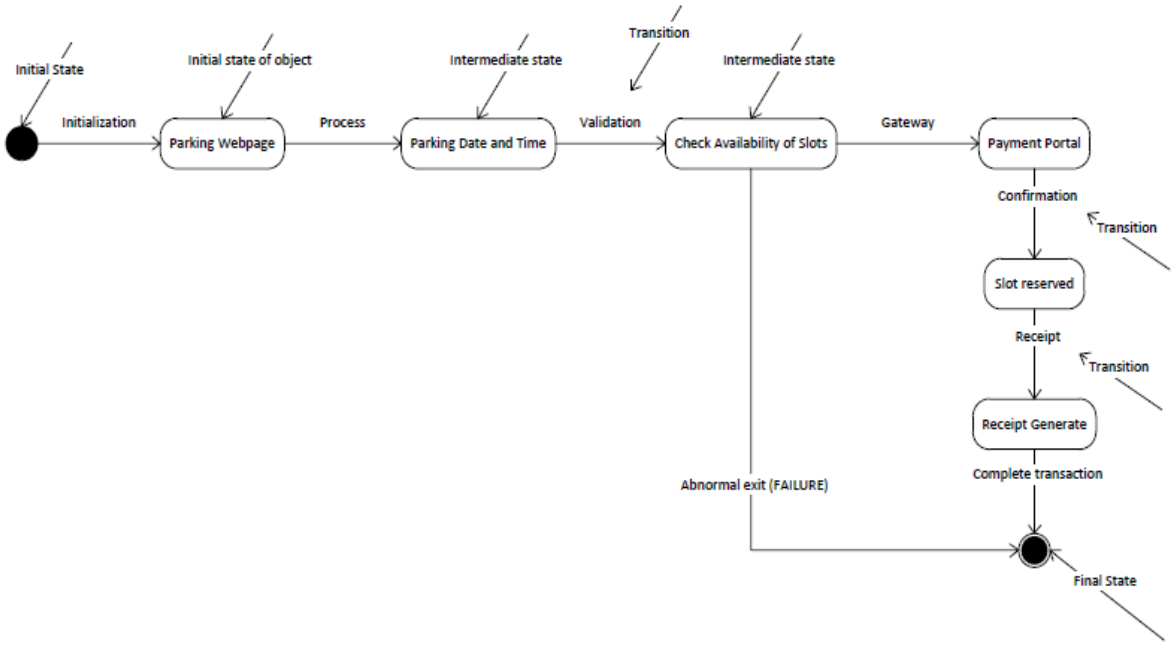
1.4 Object Diagram



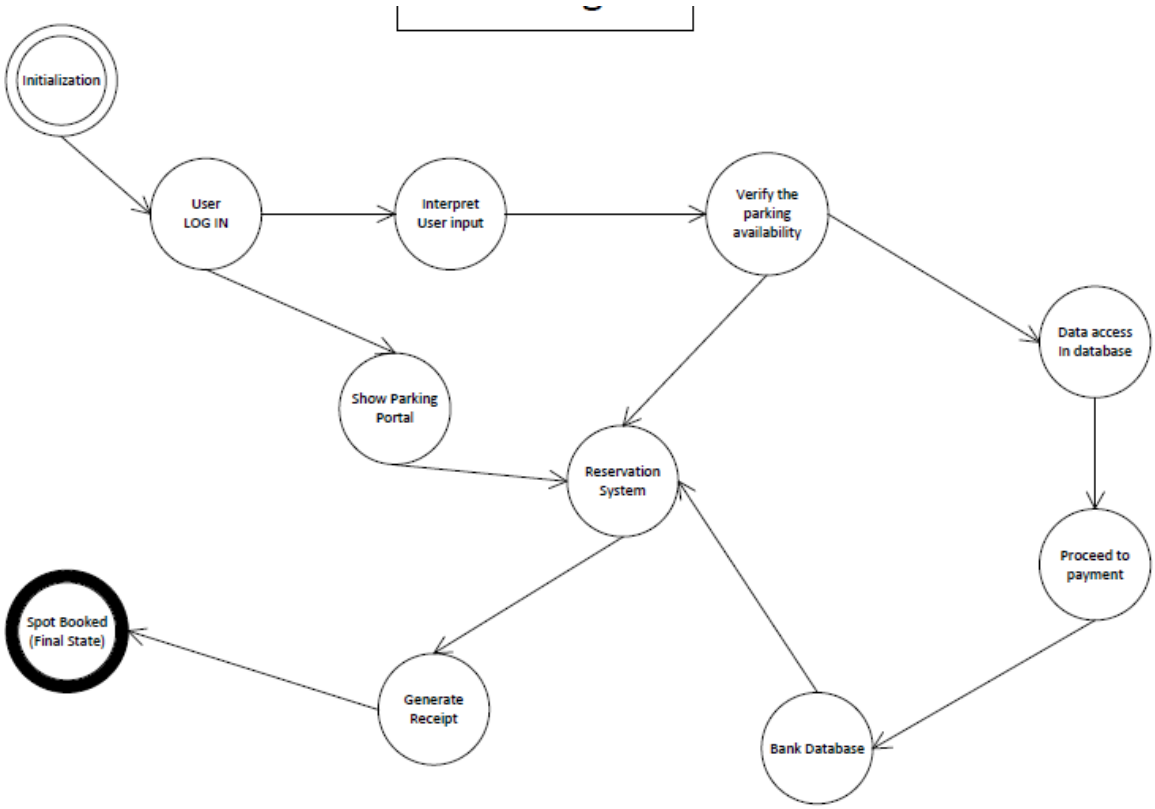
1.5 Activity Diagram



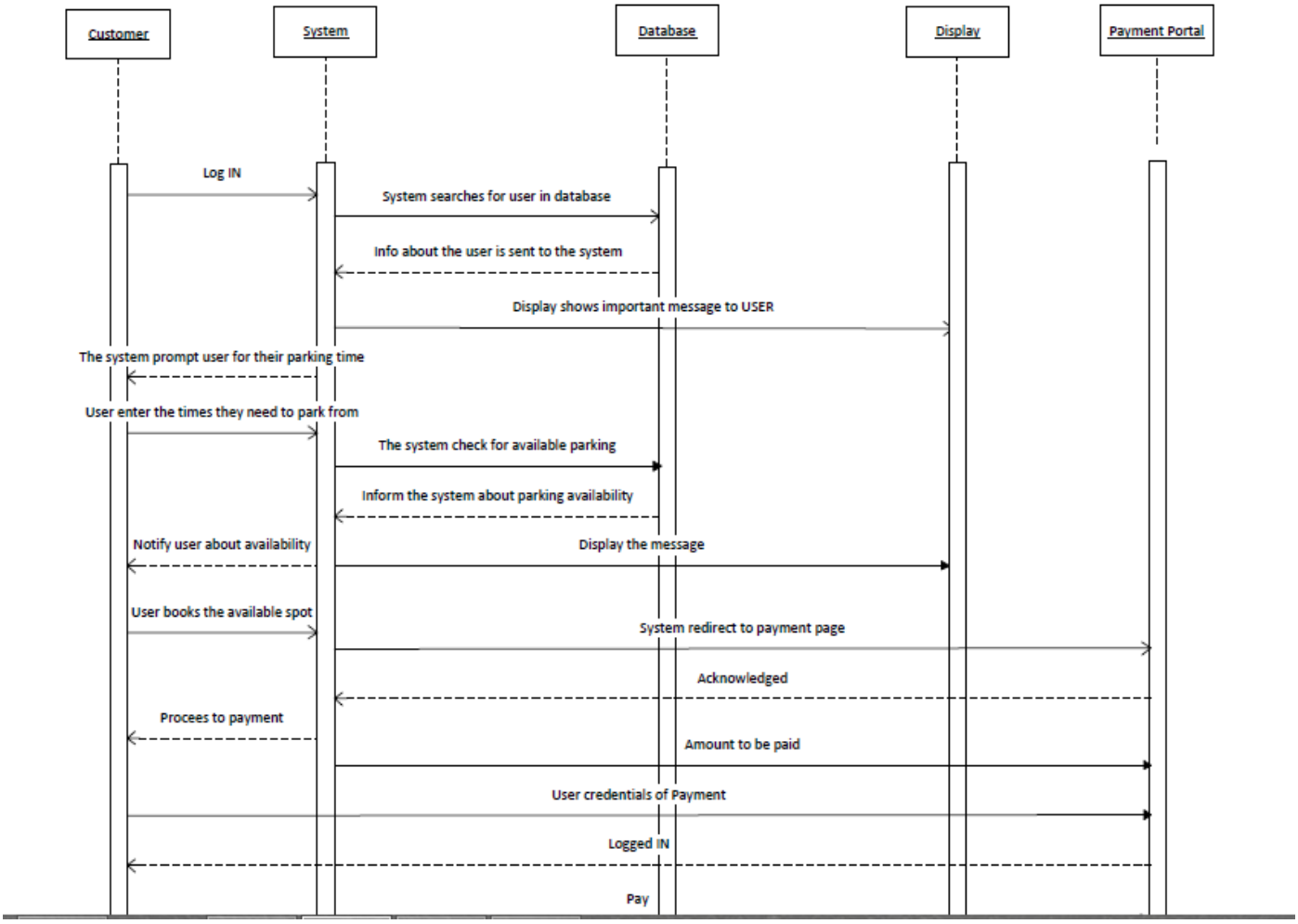
1.6 State Transition Diagram



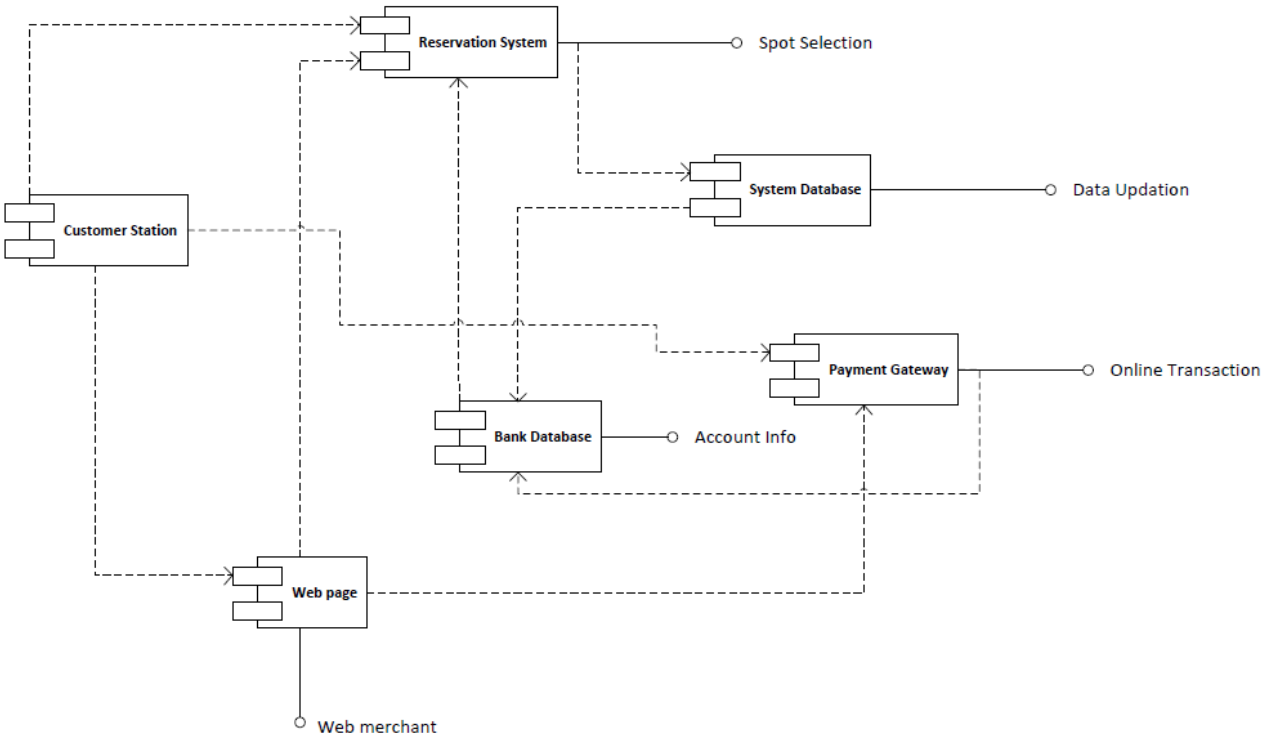
1.7 State Diagram



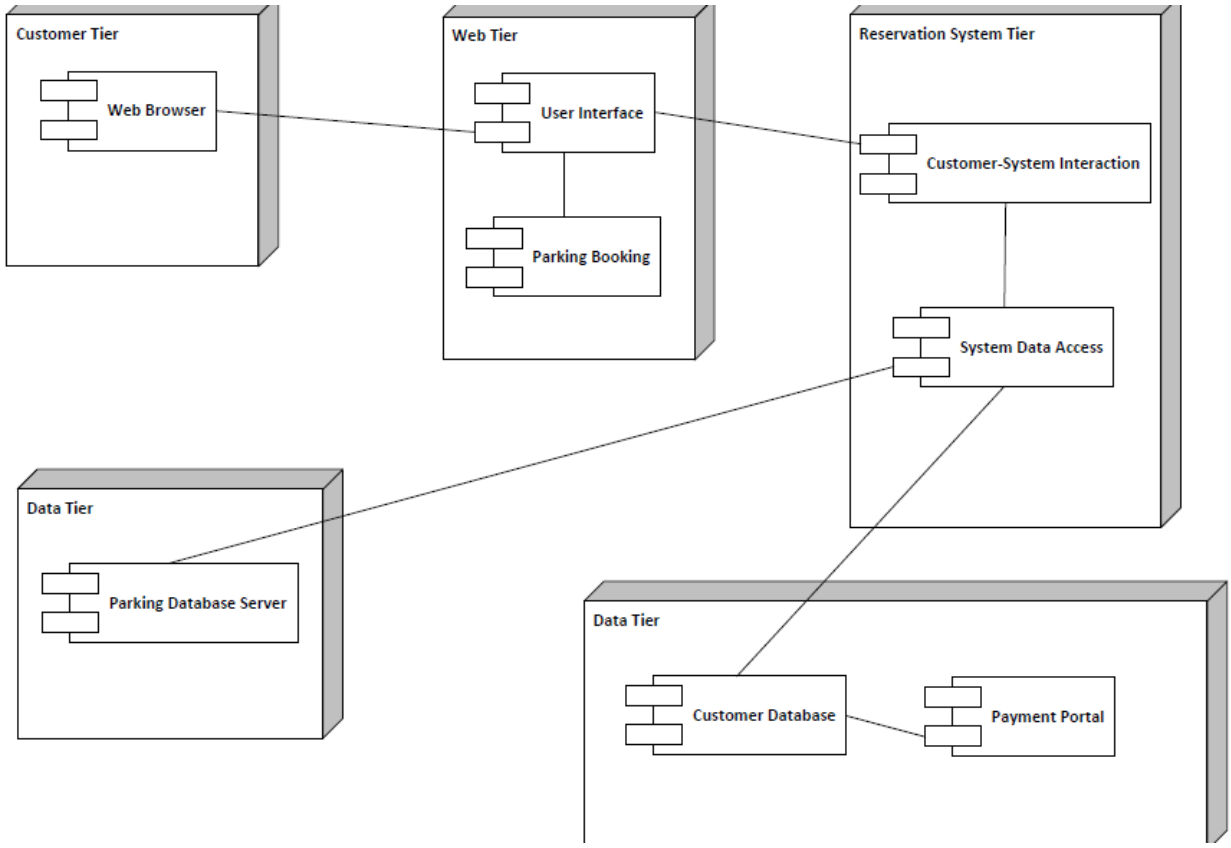
1.8 Sequence Diagram



1.9 Component Diagram

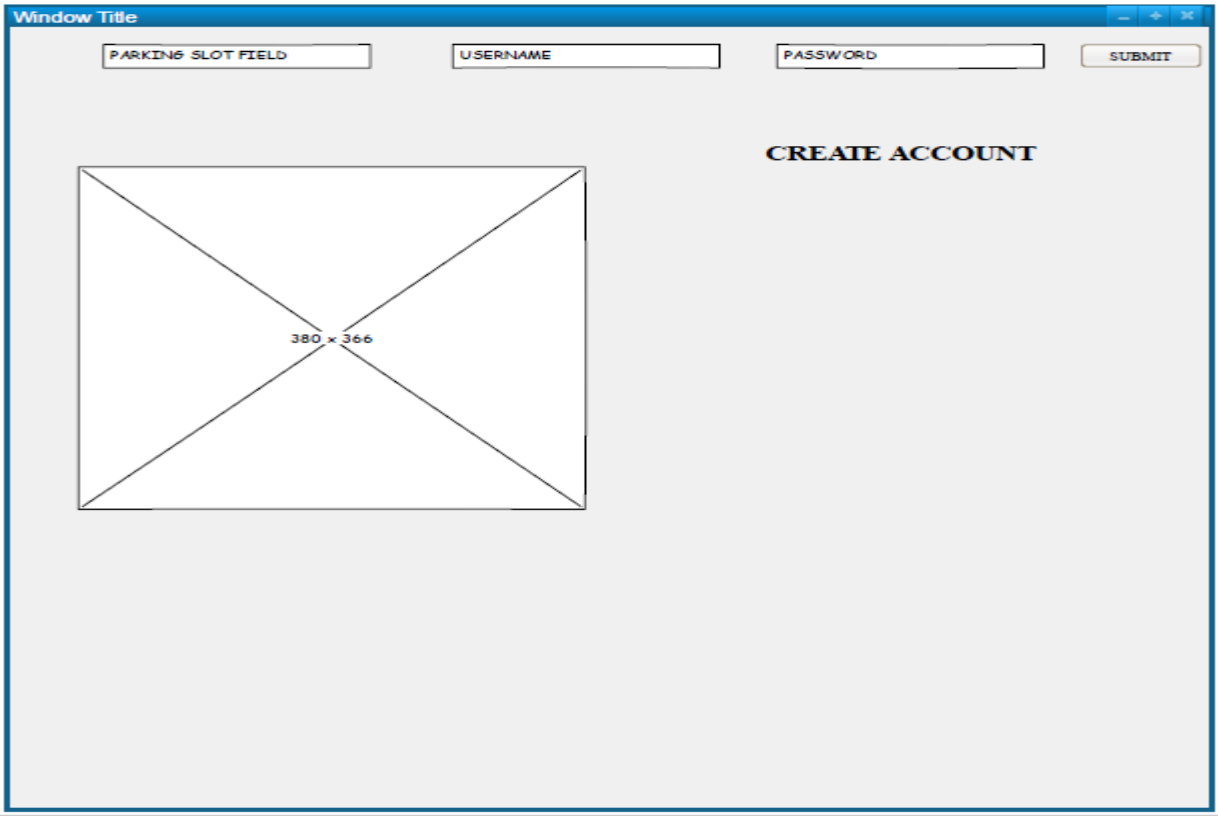


1.10 Deployment Diagram



5. GUI Design by pencil tool

5.1 Graphic User Interface Design Templates



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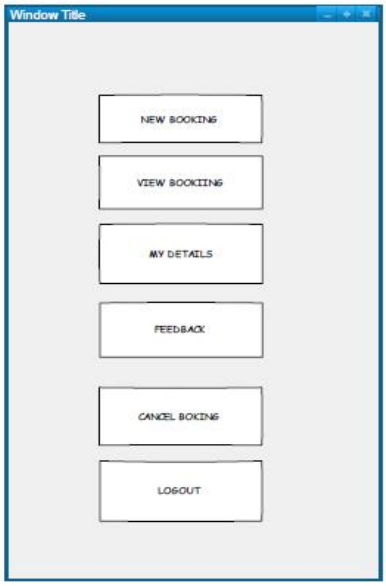

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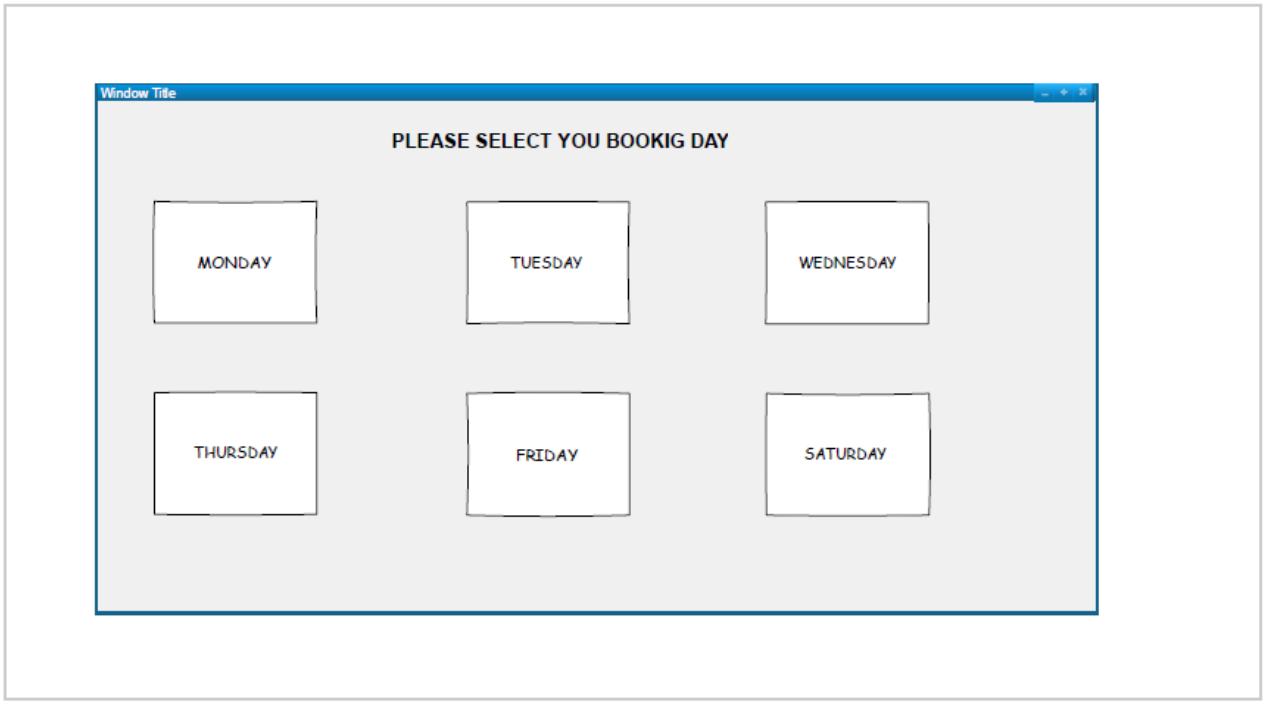
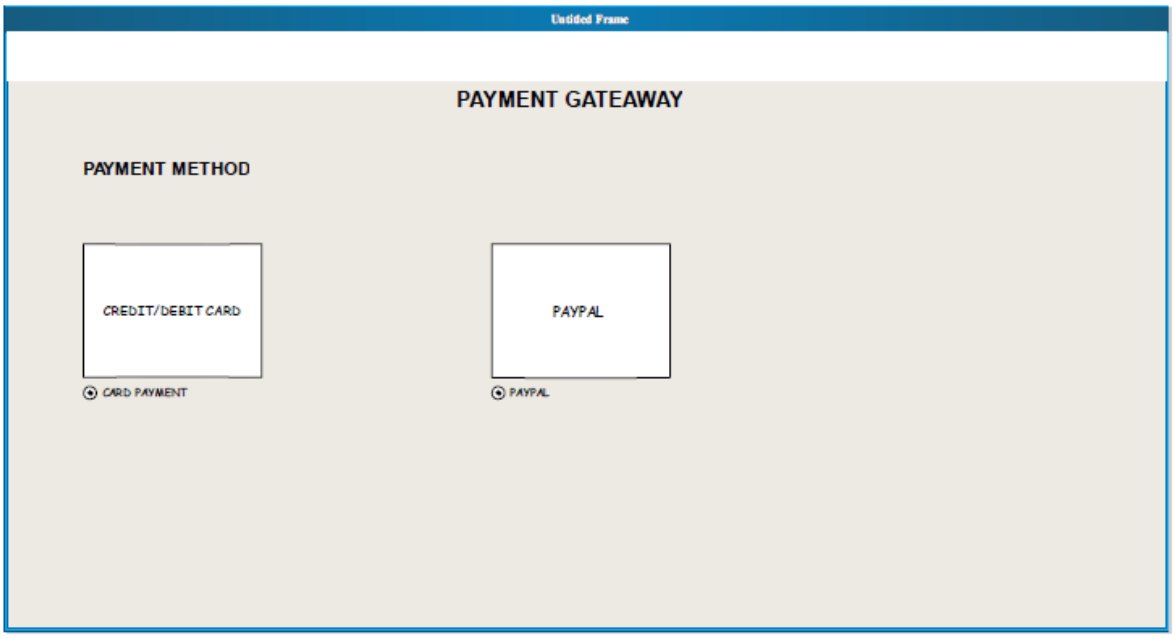
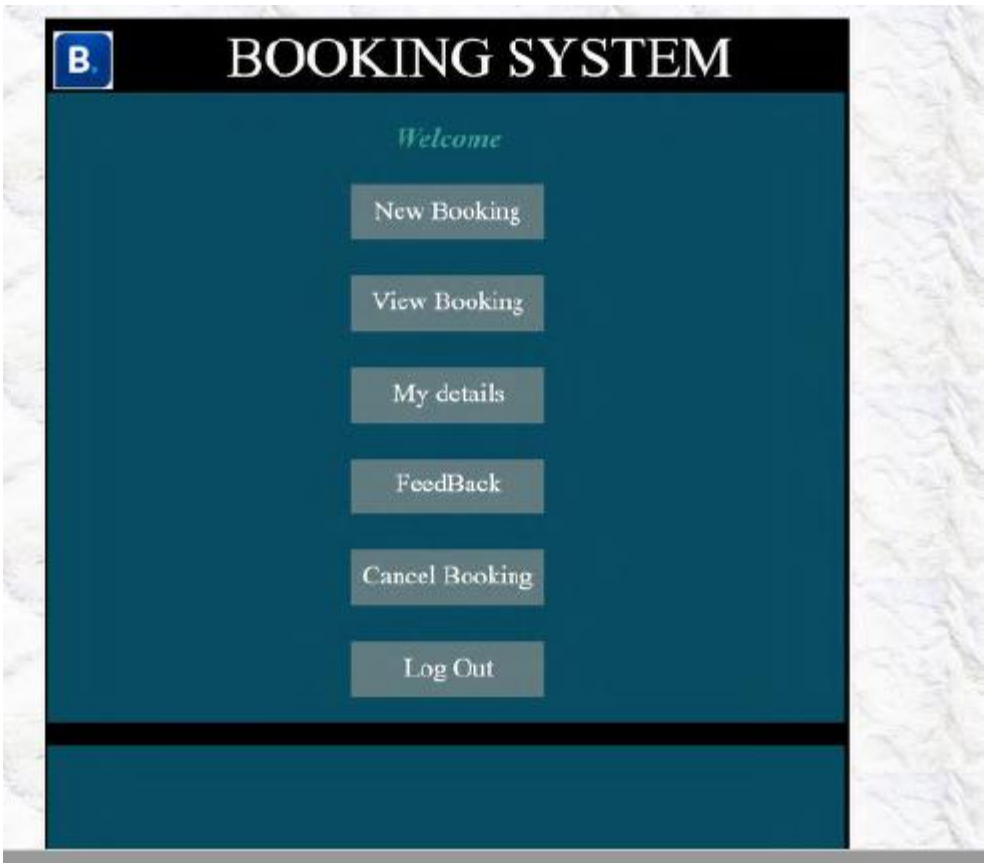






6. Glossary

Stakeholders	A person or group that can affect or will be affected by the new system
Non-Functional Requirements	Criteria that can be used to judge the operation of a system
To-be System	Online Reservation parking system
Functional Requirements	Function of the system and its components
As-Is System	Current parking system at Venues

Software Test Case Specification

Test Case ID: case_1

Test Designed by: Ruchir Bhaskar

Test Priority (Low/Medium/High): Medium

Test Designed date: 06/03/2018
Module Name: Parking reservation SIGN UP
Test Executed by: Prashant Mehlawat
Test Title: Verify Customer Registration Details
Test Execution date: 07/03/2018
Description: Test the Customer Registration Form
Pre-conditions: User must be a staff member/student of VIT

Dependencies: Registered User will be able to login and view the forums

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Redirect to Registration Form	Go to create account	User should be able to view the create account page	User is successfully able to view Create Account page	Pass	
2	All the fields of form should be filled up by customer	All fields are non-empty	A pop up will occur to indicate fill this detail	Customer will not be able to register	Pass	
3	Email should be in proper format	Email= abc!sasad.com Aayush&yahoo.com	Message should pop up to give correct email ID	Invalid email ID	Pass	

4	Mobile Number must be of 10 digits	Mobile= 99212	Registration unsuccessful	Customer is not registered	Pass	
5	Password and confirm password must match	Pass= 123456 Confirm Pass= 1234	Registration unsuccessful	Customer is not registered	Pass	
6	Clicking on Submit button	Submit	Submit the Registration form	Submitted	Pass	
7	Click on RESET button	Reset the filled details	Empty the data on registration form	New form appears	Pass	

Post-conditions:

All the constraints on Registration form are validated and customer is able to register successfully.

Test Case ID: case_2

Test Designed by: Jagruta Advani

Test Priority (Low/Medium/High): High

Test Designed date: 06/03/2018
Module Name: Parking reservation LOG IN
Test Executed by: Prashant Mehlawat
Test Title: Verify Login details and let authorized customers to LOG IN
Test Execution date: 07/03/2018
Description: Test the login page

Pre-conditions: User must be registered on the Reservation system.

Dependencies: User who is able to login can book the parking spot

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Correct Email and Password	User ID= prashantmehlawat10 @gmail.com Password= ******	Customer should be able to login	Customer is successfully logged in	Pass	
2	Incorrect Email or Password	User ID= xyz#gmail.com Password= *****	Login Unsuccessful	User is not logged in	Pass	
3	Click on Login Button	Login Button	Clicking on login button should display if details are correct or incorrect	Login Details Validation	Pass	

Post-conditions:
User is validated with database and is successfully logged in if its email ID and password are present in the database for that user.

Test Case ID: case_3

Test Designed by: Prashant Mehlawat

Test Priority (Low/Medium/High): Medium

Test Designed date: 07/03/2018

Module Name: Booking Spot for Parking

Test Executed by: Ruchir Bhaskar

Test Title: New BOOKINGS

Test Execution date: 08/03/2018

Description: Test the Booking system

Pre-conditions: User must be registered on the Parking Reservation web-application system.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to choose the venue	Customer Email ID	Customer will be able to view the venue list	Customer can view the Venue	Pass	
2	Navigate to choose the day	List of days will open	Day selected	Successfully selected	Pass	
3	Navigate to choose the slot	List of slots will open	Slot selected	Successfully selected	Pass	
4	Choose Payment Mode	Payment Gateway is opening or not	Choose mode	Selected	Pass	

Post-conditions:
User is validated with database and can successfully book a parking Spot. The user can also search for the desired slot or spot for parking.

Test Case ID: case_4

Test Designed by: Jagruta Advani
Test Priority (Low/Medium/High): HIGH
Test Designed date: 08/03/2018
Module Name: Payment Portal Gateway
Test Executed by: Ruchir Bhaskar
Test Title: Choose the mode of payment either by Card/Net banking or PAPAL
Test Execution date: 08/03/2018
Description: Test the payment modes

Pre-conditions: User must select the venue and timings for parking on the parking web-application.
Dependencies:

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to Payment Portal	Select Mode of payment	Customer should choose either of one	Customer is redirected to payment gateway	Pass	
2	Redirected to PAYPAL	Login through PAYPAL	If user details are valid LOGGED IN	LOGGED IN	Pass	
3	Click on PAY	Amount = 50	Amount processed to merchant	Successfully PAID	Pass	

Post-condition:
User is validated with database and can successfully paid for the parking spot.

Test Case ID: case_5

Test Designed by: Ruchir Bhaskar

Test Priority (Low/Medium/High): Low
Test Designed date: 10/03/2018
Module Name: View Booking / Delete Booking
Test Executed by: Prashant Mehlawat
Test Title: Verify successful payment and Display Bookings
Test Execution date: 11/03/2018
Description: Validation of BOOKING

Pre-conditions: User must pay for the Spot

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to View Booking Page	PAID successfully and data appended in database	User should be able to view the booking	User can view the details	Pass	
2	Navigate to Delete Booking Page	PAID successfully and data removed from database	Choose the desired booked spot to delete	Deleted successfully	Pass	

Post-conditions:
User is validated with database and can successfully view or delete the parking Spot in Reservation system.

Test Case ID: case_6

Test Designed by: Prashant Mehlawat

Test Priority (Low/Medium/High): Medium
Test Designed date: 11/03/2018
Module Name: View Profile / Edit Profile
Test Executed by: Jagruta Advani
Test Title: Validation of User information
Test Execution date: 11/03/2018
Description: Validation of User DATA

Pre-conditions: User must registered on the Reservation Portal

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to View Profile page	User details from Database	Correct user details	User can view the details	Pass	
2	Edit Profile information	Edit user details	Enter the correct details	Data successfully stored in database	Pass	

Post-conditions:
User is validated with database and can successfully edit the personal information in Reservation system.

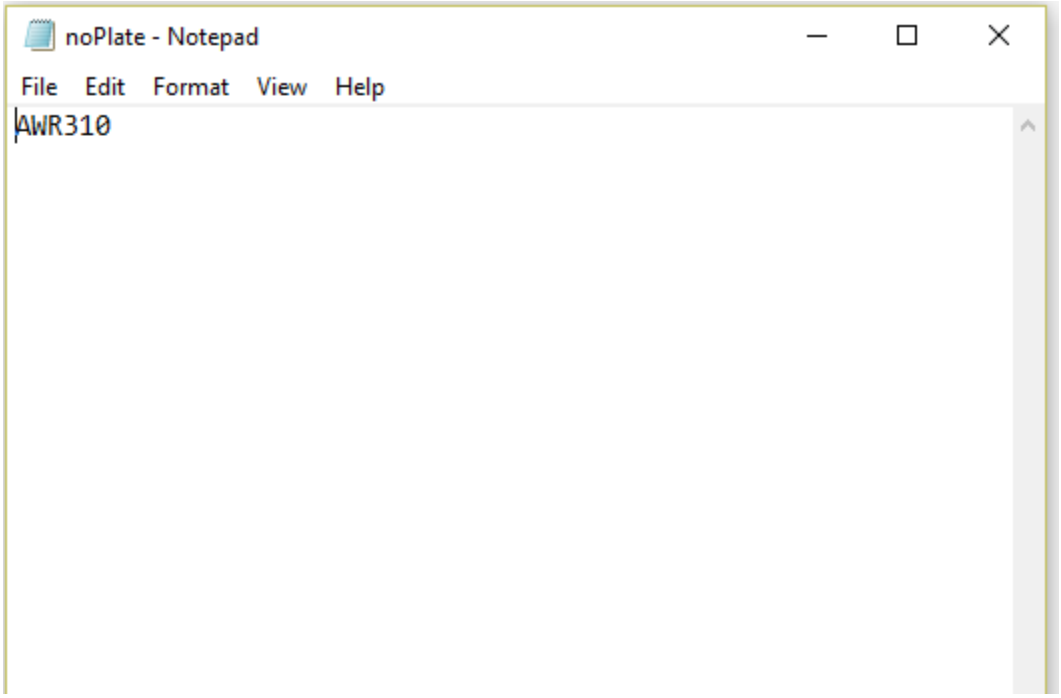
Functionality/Module Implementation

Matlab Code(Optical Image Recognition Module)

```
f=imread('pic4.jpg');
%imshow(f);
f=imresize(f,[400 NaN]);
g=rgb2gray(f);
g=medfilt2(g,[3 3]);
se=strel('disk',1);
gi=imdilate(g,se);
ge=imerode(g,se);
gdiff=imsubtract(gi,ge);

gdiff=mat2gray(gdiff);
gdiff=conv2(gdiff,[1 1;1 1]);
gdiff=imadjust(gdiff,[0.5 0.7],[0 1],0.1);
B=logical(gdiff);

er=imerode(B,strel('line',50,0));
out1=imsubtract(B,er);

F=imfill(out1,'holes');

H=bwmorph(F,'thin',1);
H=imerode(H,strel('line',3,90));
imshow(H);


final=bwareaopen(H,100);

Iprops=regionprops(final,'BoundingBox','Image');

NR=cat(1,Iprops.BoundingBox);

r=controlling(NR);
if ~isempty(r)
    I={Iprops.Image};
    noPlate=[];
    for v=1:length(r)
        N=I{1,r(v)};
        letter=readLetter(N);
        while letter=='O' || letter=='0'
            if v<=3
                letter='O';
            else
                letter='0';
            end
```

```
            break;
        end
        noPlate=[noPlate letter];
    end
    fid = fopen('noPlate.txt', 'wt');
    fprintf(fid,'%s\n',noPlate);
    fclose(fid);
    winopen('noPlate.txt')



else
    fprintf('Unable to extract the characters from the number plate.\n');
    fprintf('The characters on the number plate might not be clear or touching with each other or
boundries.\n');
end
```

Matlab Output


noPlate - Notepad
File Edit Format View Help
AWR310

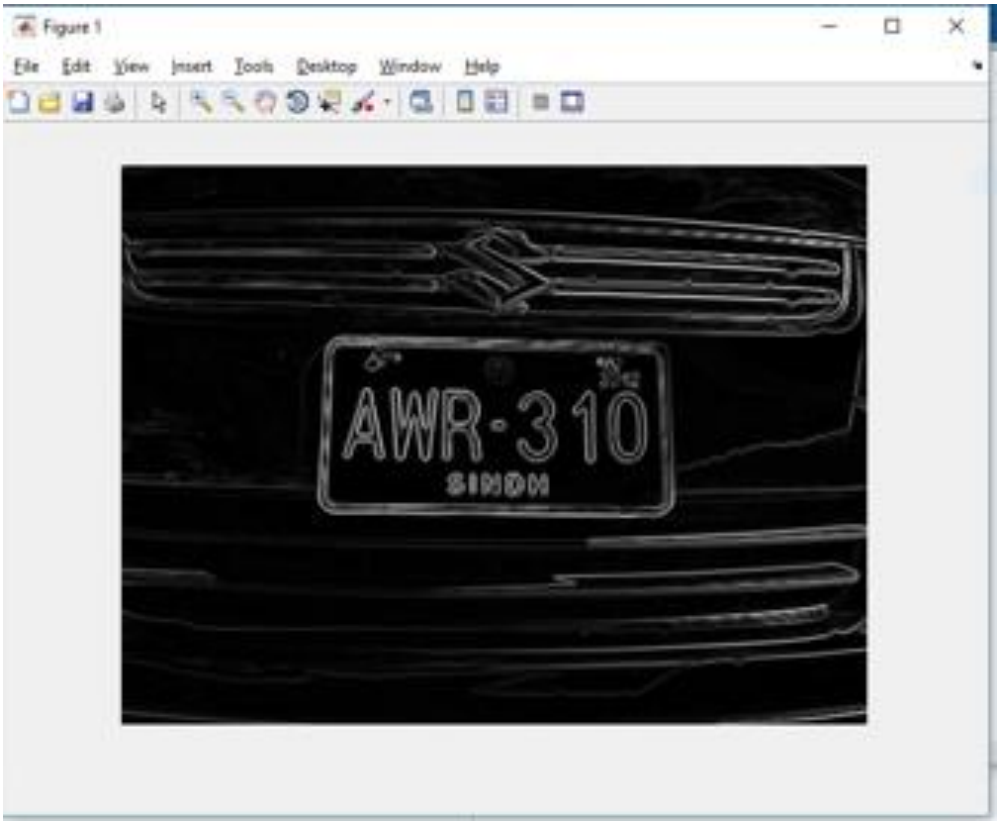
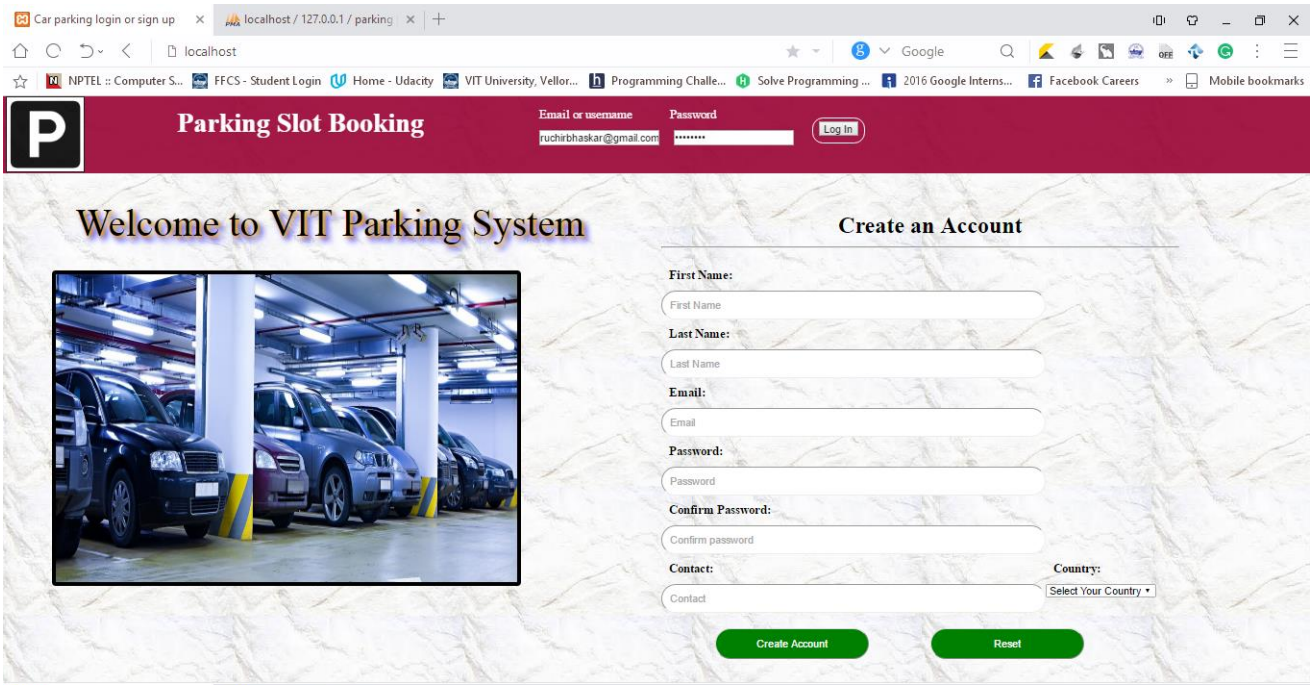
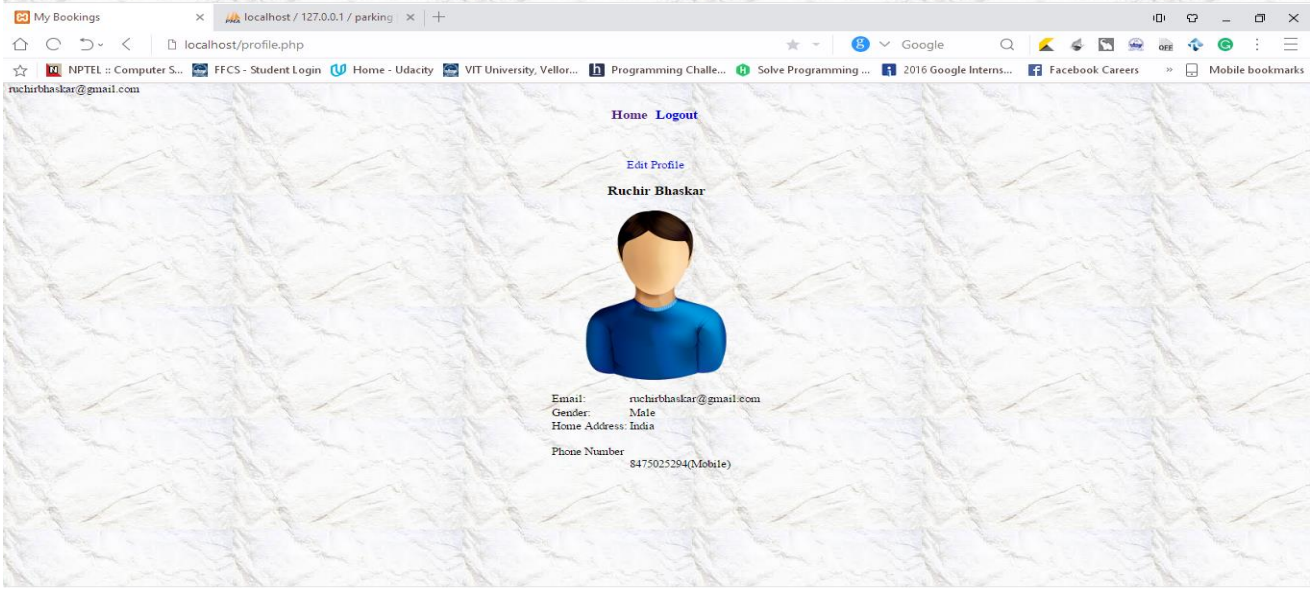
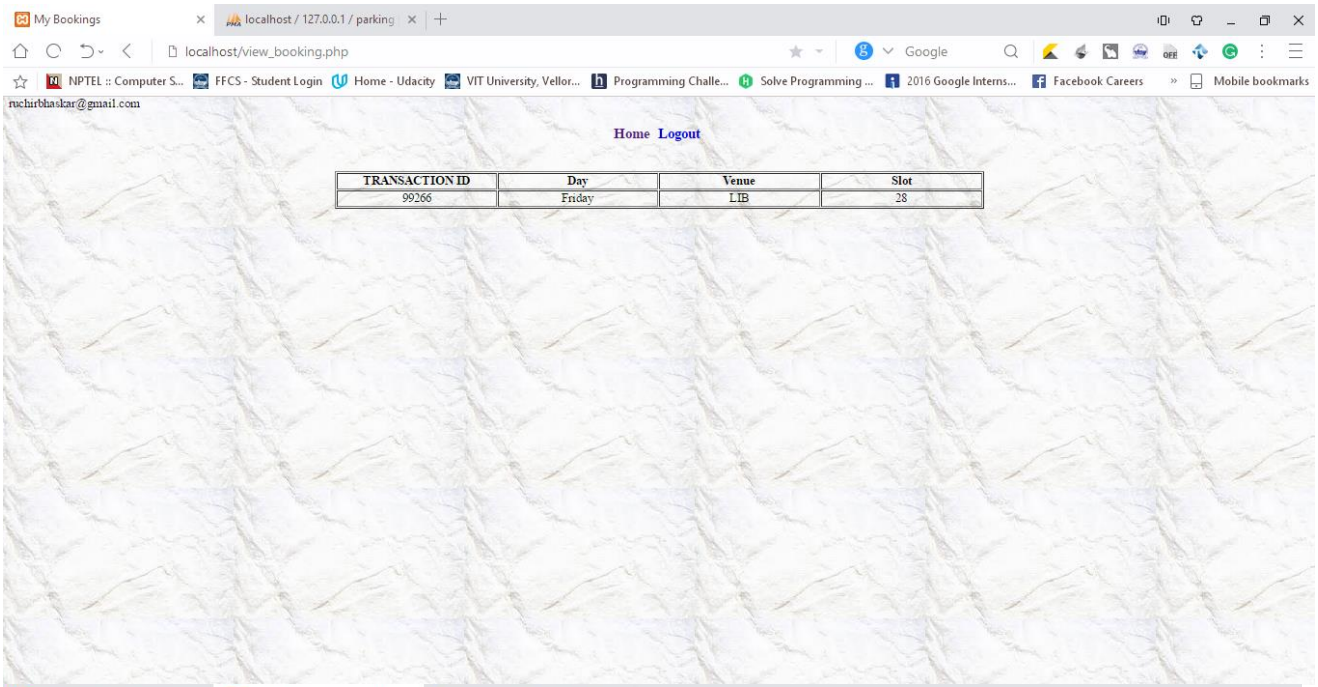


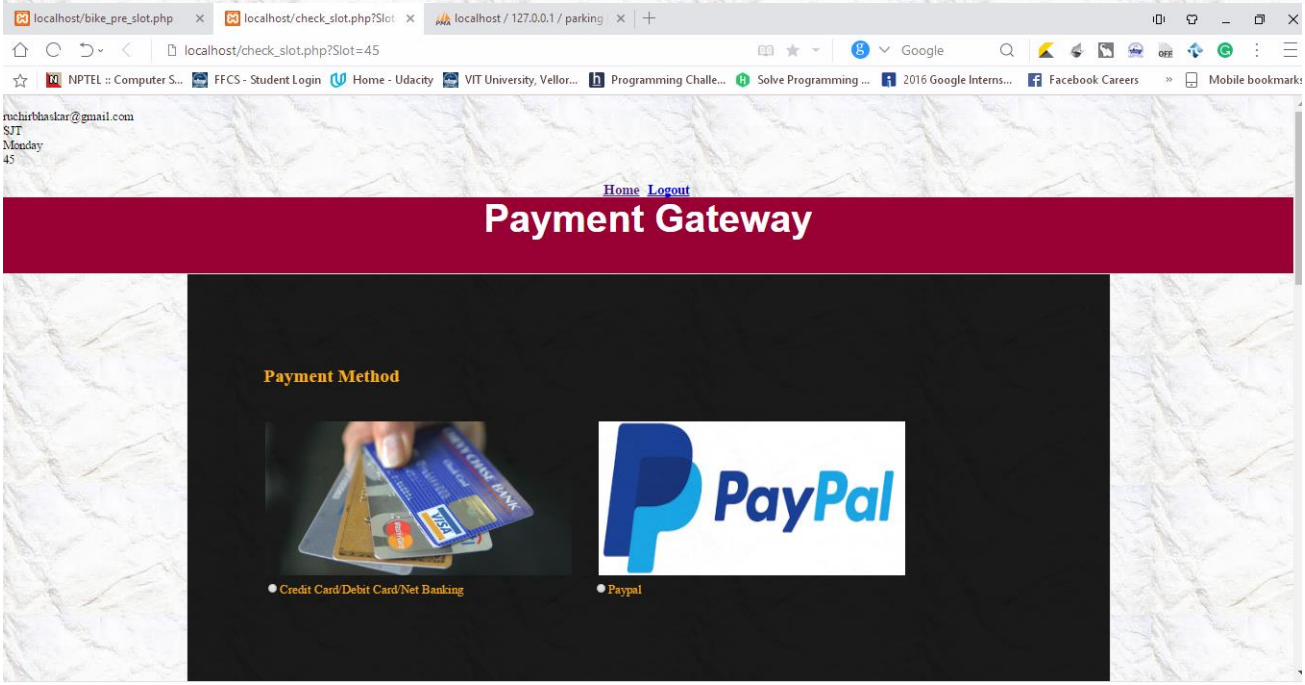
Figure 1
File Edit View Insert Tools Desktop Window Help
AWR-310

Application Screenshots

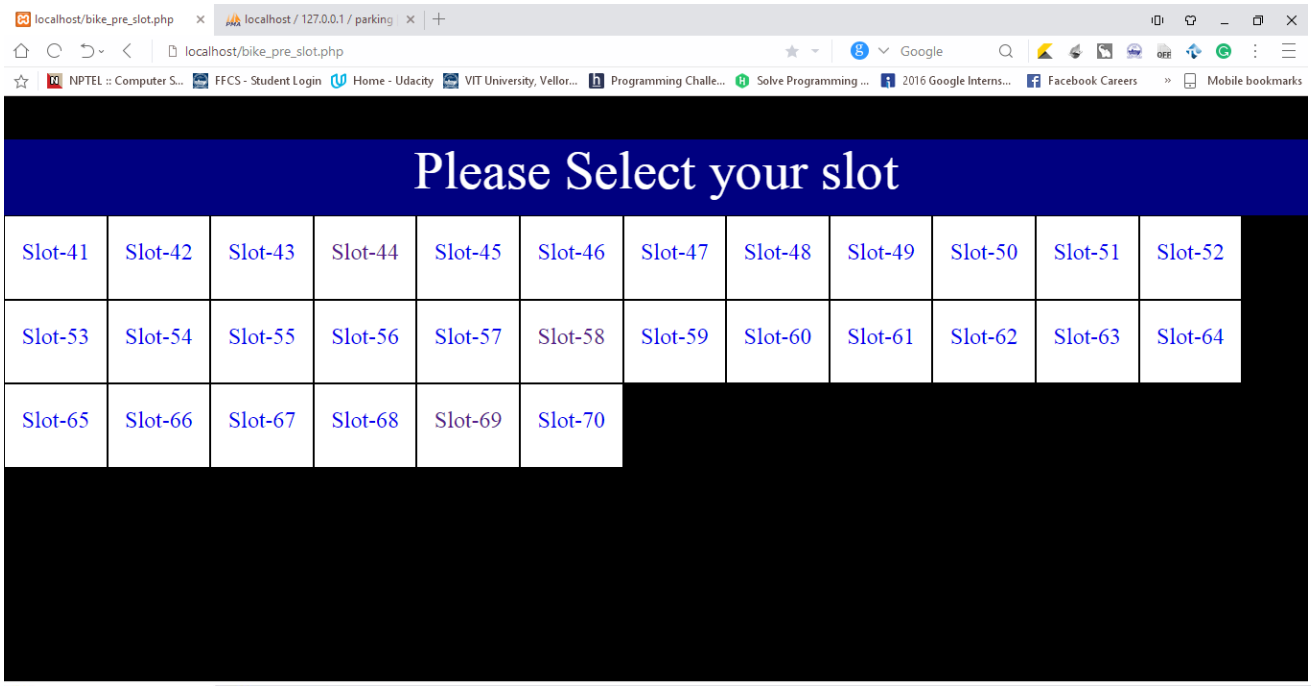


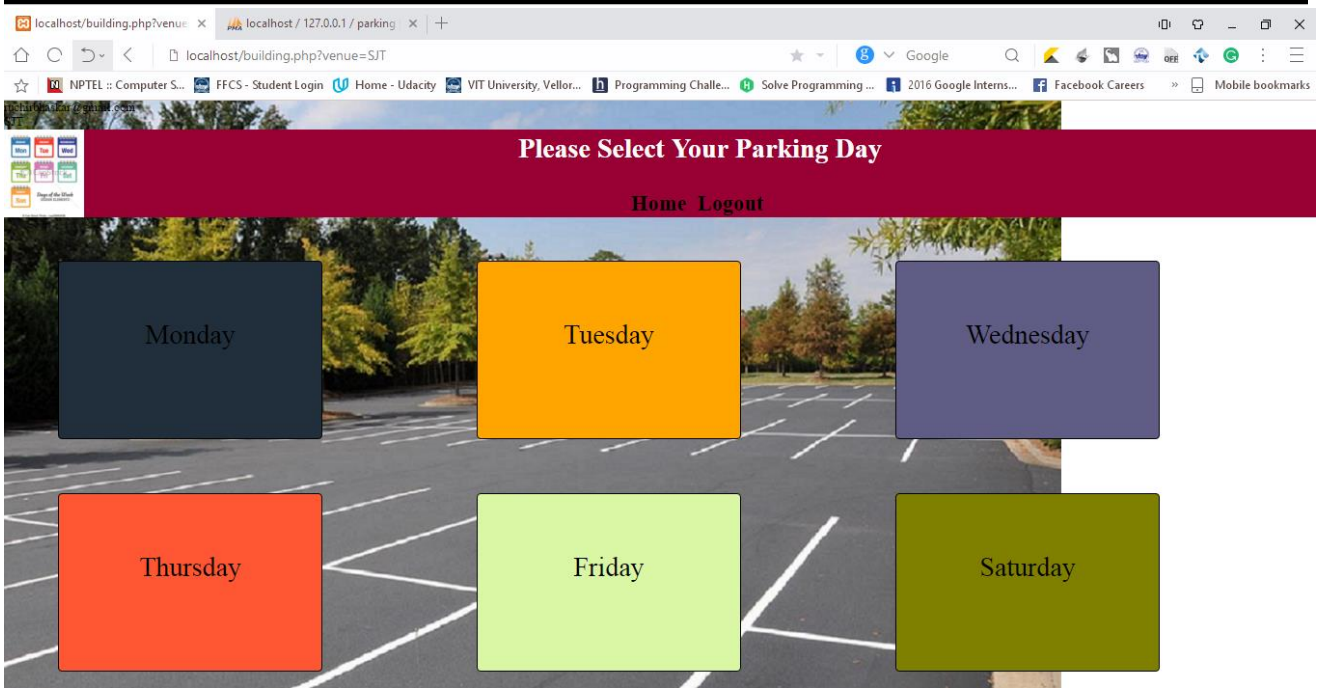



My Bookings
localhost / 127.0.0.1 / parking
localhost/view_booking.php
Google
NPTEL :: Computer S...
FFCS - Student Login
Home - Udacity
VIT University, Vellor...
Programming Challe...
Solve Programming ...
2016 Google Interns...
Facebook Careers
Mobile bookmarks
ruchirbhaskar@gmail.com
Home Logout
TRANSACTION ID
Day
Venue
Slot
99266
Friday
LIB
28

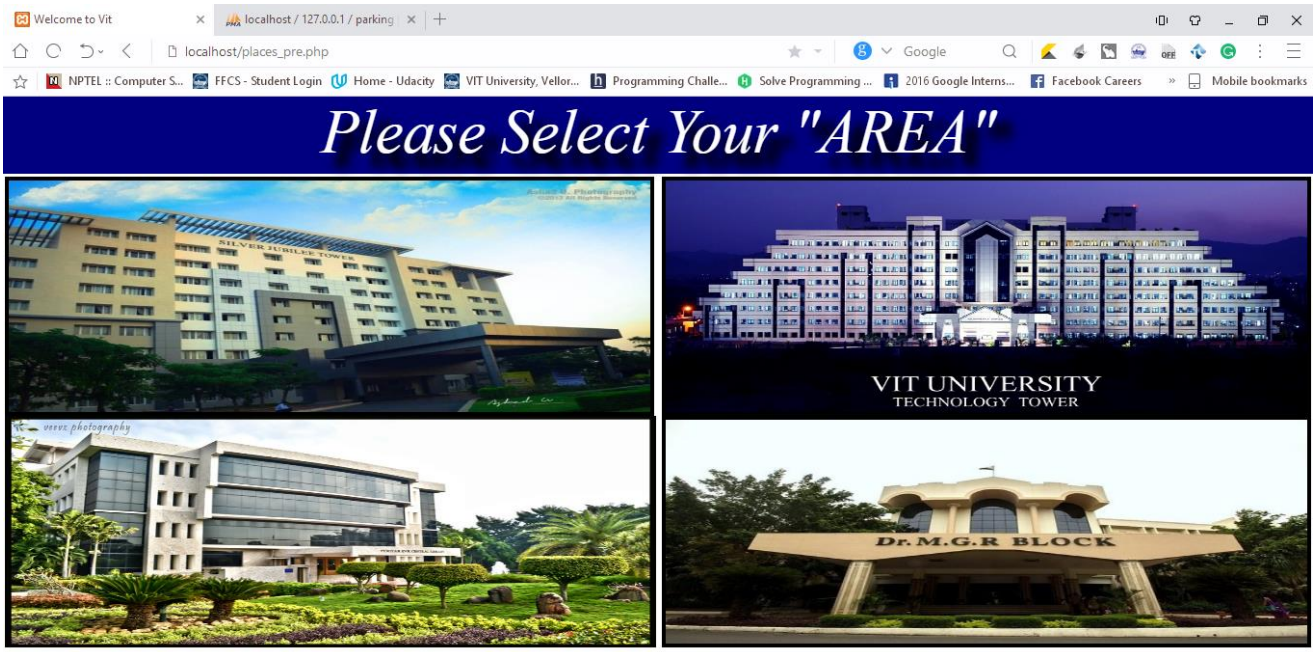

localhost/bike_pre_slot.php
localhost/check_slot.php?Slot
localhost / 127.0.0.1 / parking
localhost/check_slot.php?Slot=45
Google
NPTEL :: Computer S...
FFCS - Student Login
Home - Udacity
VIT University, Vellor...
Programming Challe...
Solve Programming ...
2016 Google Interns...
Facebook Careers
Mobile bookmarks
ruchirbhaskar@gmail.com
SJT
Monday
45
Home Logout
Payment Gateway
Payment Method
Credit Card/Debit Card/Net Banking
Paypal

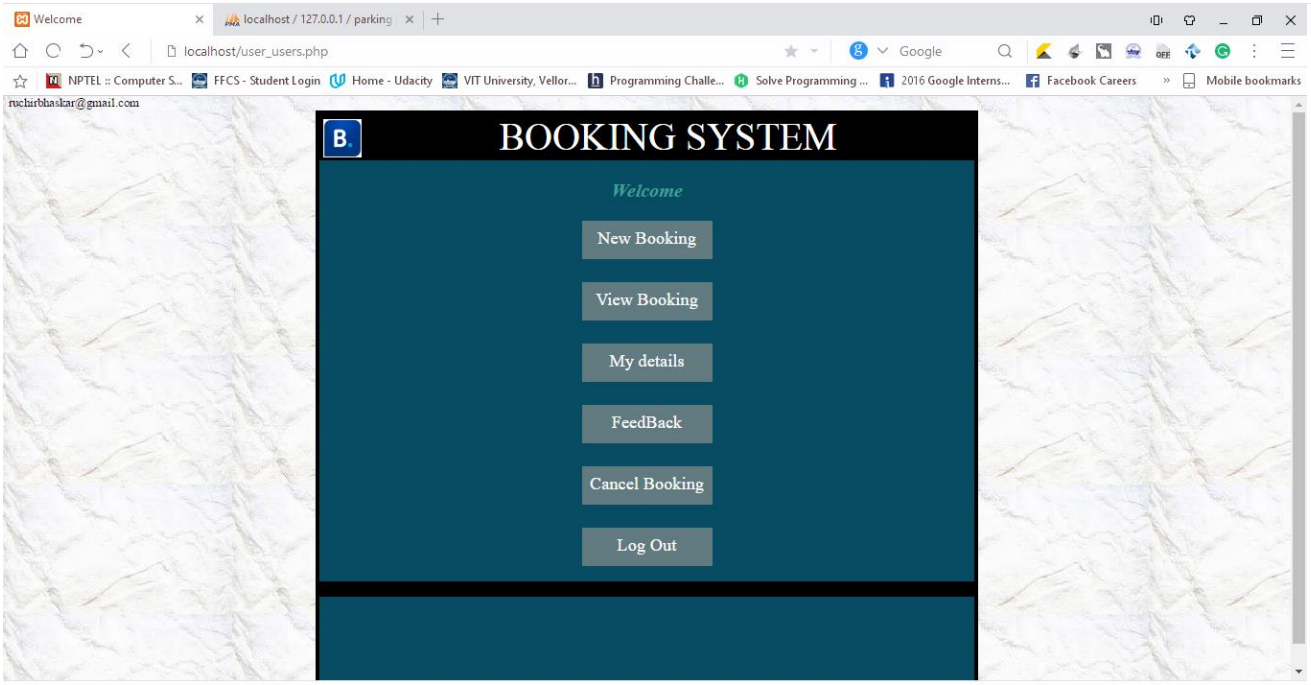
Smart Parking System





Smart Parking System





Application Code (Website implementation Code)

1. Project.php

```
<html>
<head>
<title>
Car parking login or sign up
</title>
<link rel="stylesheet" type="text/css" href="stylesheet.css" />
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script
>
<script>
$(document).ready(function(){
$("input").focus(function(){
$(this).css("background-color", "#cccccc");

});
$("input").blur(function(){
$(this).css("background-color", "#ffffff");
});
});
</script>
</head>
<body>
<div class="div1">
<img class="im" src="p1.jpg" />
<p class="a">Parking Slot Booking
</p>
<form id="2" method="post" action="user_login.php" />
<p class="p2">
<label for = "email">Email or
username            
</label>
<label for="password" > Password</label><br/>
<input class="i" type="text" placeholder="Username or Email" id="username"
name="username" required />    
<input class="i" type="password" placeholder="Password" name="password" required
/>
<br>
</p>
<div id="nav">
<ul>
<li><input type="submit" value="Log In" />
</li>
</div>
</form>
</div>
<div class="div3">


<div class="div4">
<h1 align="center">Welcome to book slot</h1>
<img id="waah" src="car.jpg">
</div>
<div class="div5">
<p id="p4" align="center">Create an Account</p><hr>
<form ENCTYPE="multipart/form-data" method="post" action="user_insert.php" >
<p>
```

```
<div class="row">
<label for="name"><b>First Name:</b></label>
<input type="text" id="name" name="name" placeholder="First Name" required >
</div>
<br />
<div class="row">
<label for="last"><b>Last Name:</b></label>
<input type="text" id="last" name="last" placeholder="Last Name" required >
</div>
<br />
<div class="row">
<label for="email"><b>Email:</b></label>
<input type="text" id="email" placeholder="Email" name="email" required>
</div>
<br />
<div class="row">
<label for="password"><b>Password:</b></label>
<input type="password" id="password" placeholder="Password" name="password"
required >
</div>
<br />
<div class="row">
<label for="cpassword"><b>Confirm Password:</b></label>

<input type="password" id="cpassword" placeholder="Confirm password"
name="cpassword" required >
</div>
<div class="row">
<label for="phone"><b>Contact:</b></label>
<input type="tel" id="contact" name="contact" placeholder="Contact" required >
</div>
</br>
<div class="row">
<label for="country"><b>Country:</b></label>
<select id="country" name="country">
<option value="Select your Country">Select Your Country</option>
<option value="India">India</option>
<option value="Australia">Australia</option>
<option value="USA">USA</option>
<option value="South Africa">South Africa</option>
<option value="Germany">Germany</option>
<option value="China">China</option>
</select></div>
<br>
</div><br>
<div class="row">
<label for="Create the Account"></label>
<button type="Submit" id="submit" value="Create An Account">Create
Account</button>
</div><br>
<div class="row">
<label for="Reset"></label>
<input type="reset" id="reset" name="reset" value="Reset" />
</div>

</p>
</div>
</div>
</form>
</body>
```

```
</html>
```

2. User_users.php

```
<?php
session_start();
if(!isset($_SESSION['username']))
{
echo "Access Denied!";
exit;
}
else
{
include("user_session.php");
}
?>
```

3. User_session.php

```
<?php
session_start();
if(!isset($_SESSION['username']))
{
echo "Access Denied!";
exit;
}
else
{
include("user_session.php");
}
?>
```

4. User_login.php

```
<?php


session_start();
if($_POST){
$_SESSION['username'] = $_POST['username'];
$_SESSION['password'] = md5($_POST['password']);
if($_SESSION['username'] && $_SESSION['password'])
{
mysql_connect("localhost","root","") or die("Problem with connection...");
mysql_select_db("parking");
$query = mysql_query("SELECT * FROM users WHERE
email='".$_SESSION['username']."'");
$numrows = mysql_num_rows($query);
if($numrows != 0)
{
while($row = mysql_fetch_assoc($query))
{
$dbusername = $row['email'];
$dbpassword = $row['password'];
}
if($_SESSION['username']==$dbusername)
{
if($_SESSION['password']==$dbpassword)
{
header("location: user_users.php");
}
else
{
```

```
echo "Your password is incorrect!";
}


}
else
{
echo "Your username is incorrect!";
}
}
else
{
echo "This username is not registered!";
}
}
else
{
echo "You have to type a name and password!";
}
}
else
{
echo "Access denied!";
exit;
}
?>
```

5. User_insert.php

```
<?php
$name = $_POST['name'];
$last = $_POST['last'];
$email = $_POST['email'];
$password = $_POST['password'];
$cpassword = $_POST['cpassword'];
$contact = $_POST['contact'];
$country = $_POST['country'];
$f=0;

mysql_connect("localhost","root","") or die("Problem with connection...");
mysql_select_db("parking");
if ($name && $last && $password && $cpassword && $email && $contact && $country
&& $f==0) {
if (preg_match("/^[_\.0-9a-zA-Z-]+@([0-9a-zA-Z][0-9a-zA-Z-]+\.)+[a-zA-
Z]{2,6}$/i", $email)) {
if(preg_match("/^[0-9]{10}$/", $contact)){
if (strlen($password) > 5) {
if ($password == $cpassword) {
mysql_connect("localhost", "root", "") or die("We couldn't connect!");
mysql_select_db("parking");
$username = mysql_query("SELECT contact FROM users WHERE contact=$contact");
$count = mysql_num_rows($username);
$remail = mysql_query("SELECT email FROM users WHERE email='$email'");
$checkemail = mysql_num_rows($remail);
if ($checkemail != 0) {
echo "This email is already registered! Please type another email...";
} else {
if ($count != 0) {
echo "This phone number is already registered! Please type another number";

} else {
```

```
$passwordmd5 = md5($password);
mysql_query("INSERT INTO
users(first_name,last_name,email,password,contact,country)
VALUES('$name','$last','$email','$passwordmd5','$contact','$country')");
mysql_close();
echo "You have succefully registered!<a href='project.php'>Login now!</a>";
}
}
}
else {
echo "Your passwords don't match!";
}
} else {
echo "Your password is too short! You need to type a password between 4 and 15
charachters!";
}
}else
{
echo "Please type a valid phone number!";
}
}else{
echo "Please type a valid email!";
}
} else {
echo "you have to complete the form!";
}
?>
```

6. Type.php

```
<html>
<head>
<title>Welcome </title>
<style>
#img
{
float:left;
width:50px;
height:50px;
margin-top:6px;
margin-left:5px;
}
div.a
{
background-color:black;
color:white;
height:60px;
font:50px verdena italic;
}
div.div1
{
background-color:rgb(7,76,99);
height:100%;
margin-left:400px;
margin-right:400px;
border:5px black solid;
}
body{
margin-top:0px;
}
```

```
div.b
{

height:40px;
width:170px;
color:white;
font-size:23px;
margin-top:20px;
text-align:center;
text-align-vertical:center;
background-color:rgb(98,123,128);
margin-bottom:30px;
padding-top:10px;
}
a
{
text-decoration:none;
}
div.b:hover
{
border:black solid 2px;
color:black;
background-color:white;
font-weight:bold;
}
p.p
{
text-align:center;
font-size:25px;
font-weight:bold;
color:rgb(67,160,148);
}
div.hr{
margin-top:-10px;
width:100%;

height:20px;
background-color:black;
margin-bottom:-2px;
}
</style>
</head>
<body background="background.jpeg" >
<div class="div1">
<div class="a">
<img id="img" src="b.jpg" >
<center>BOOKING SYSTEM</center>
</div>
<p class="p"> <i>Welcome <?php $picname ?></i></p>
<center>
<a href="places_pre.php"><div class="b">
<center>New Booking</center>
</div></a>
</center>
<center>
<a href="view_booking.php"><div class="b">
<center>View Booking</center>
</div></a>
</center>
<center>
```

```
<a href="profile.php"><div class="b">
<center>My details</center>
</div></a>
</center>

<center>
<a href="feedback.php"><div class="b">
<center>FeedBack</center>
</div></a>
</center>
<center>
<a href="cancellation.php"><div class="b">
<center>Cancel Booking</center>
</div></a>
</center>
<center>
<a href="logout.php"><div class="b">
<center>Log Out</center>
</div></a>
</center>
<div class="hr">
</div>
</div>
</body>
</html>
```

7. Places_pre.php

```
<?php
session_start();
if(!isset($_SESSION['username']))
{
echo "Not a session";
}
else
{
include("places.php");

}
?>
```

8. Places.php

```
<html>
<head>
<title>
Welcome to Vit
</title>
<style>
div.div1
{
background-color:navy;
width:100%;
margin:0;
padding:0;
position:absolute;
left:0%;
top:0%;
font-size:80px;
text-shadow:15px 15px 15px black,
20px 20px 20px black;
color:white;
```

```
height:100px;
}
div.div1:hover
{
background-color:navy;
opacity:1;
}
div.div2

{
margin-top:96px;
float:left;
margin-left:-6px;
border:5px black solid;
width:49.5%;}
.div3
{
float:right;
width:49.5%;
margin-top:96px;
border:5px black solid;
margin-right:-6px;
}
img
{
height:300px;
width:100%;
margin:0px;
padding:0px;
}
#img1
{
height:290px;
}
img:hover, :hover
{
opacity:0.8;
border-color:orange;

}
.div4
{
width:50.2%;
margin-left:-6px;
float:left;
}
.div5
{
float:right;
width:49.5%;
border:5px black solid;
margin-right:-6px;
}
</style>
<script>
function silver()
{
document.getElementById("demo").innerHTML="<i><center>Silver Jublie
Tower<center></i>";
}
```

```
function tt()
{
document.getElementById("demo").innerHTML="<center><i>Technology
Tower</i></center>";
}
function mb()
{
document.getElementById("demo").innerHTML="<center><i>VIT Main Building (MGR
Block)</i></center>";
}
function lib()
{

document.getElementById("demo").innerHTML="<center><i>Periyar Central
Library</i></center>";
}
function Area()
{
document.getElementById("demo").innerHTML="<center><i>Please Select Your
<q>AREA</q></i></center>";
}
</script>
</head>
<body>
<div class="div1" id="demo">
<center>
<i>
<b>Please Select Your <q>AREA</q></b>
</i>
</center>
</div>
<div class="div2" >
<a href="building.php?venue=SJT" ><img onmouseover="silver()"
onmouseout="Area()" src="2.jpe" />
</div>
<div class="div3">
<a href="building.php?venue=TT" ><img onmouseover="tt()" onmouseout="Area()"
src="1.jpg" /></a>
</div>
<div class="div4">
<a href="building.php?venue=LIB" ><img onmouseover="lib()" onmouseout="Area()"
src="library.jpeg" /></a>
```



```

</div>
<div class="div5">
<a href="building.php?venue=MB" ><img onmouseover="mb()" onmouseout="Area()"
id="img1" src="3.jpg" /></a>
</div>
</body>
</html>
```

9. Building.php

```
<?php
session_start();
if(!isset($_SESSION['username']))
{
echo "Not a session";
}
else
```

```
{
$tmp_username = $_SESSION['username'];
echo $tmp_username;
echo "<br />";
$venue=$_REQUEST['venue'];
echo $venue;
$_SESSION['building'] = $venue;
include("days.php");
}
?>
```

10. Days.php

```
<html>
<head>
<style>
body
{
margin:0;
```

21

```
background-image:url(p.jpg);
background-repeat:no-repeat;
}
div.div
{
width:100%;
height:15%;
background-color:#990033;
margin-top:-35px;
color:white;
}
div.mon
{
width:20%;
height:30%;
background-color:#212f3d;
float:left;
margin-left:70px;
border: 2px black solid;
border-radius:5px;
}
div.tue
{
width:20%;
height:30%;
background-color:orange;
float:left;
margin-left:200px;
border: 2px black solid;
border-radius:5px;
}
```

22

```
div.wed
{
width:20%;
height:30%;
background-color: #5f5c85 ;
float:left;
margin-left:200px;
```

```
border: 2px black solid;
border-radius:5px;
}
div.thu
{
width:20%;
height:30%;
background-color: #FF5733
;
float:left;
margin-left:70px;
margin-top:70px;
border: 2px black solid;
border-radius:5px;
}
div.fri
{
width:20%;
height:30%;
background-color:#DAF7A6;
float:left;
margin-left:200px;
margin-top:70px;
border: 2px black solid;
```



```
border-radius:5px;
}
div.sat
{
width:20%;
height:30%;
background-color:olive;
float:left;
margin-left:200px;
margin-top:70px;
border: 2px black solid;
border-radius:5px;
}
#day
{
padding-top:40px;
font-size:35;
text-align:center;
}
p.p
{
padding-top:5px;
font-size:35;
text-align:center;
}
div.mon:hover
{
opacity:0.6;
color:red;
font-weight:bold;
```



```
}
div.tue:hover
```

```
{
opacity:0.6;
color:red;
font-weight:bold;
}
div.wed:hover
{
opacity:0.6;
color:red;
font-weight:bold;
}
div.thu:hover
{
opacity:0.6;
color:red;
font-weight:bold;
}
div.fri:hover
{
opacity:0.6;
color:red;
font-weight:bold;
}
div.sat:hover
{
opacity:0.6;
color:red;
font-weight:bold;
}
a
{
```



```
text-decoration:none;
color:black;
}
#week
{
float:left;
height:100%;
}
</style>
</head>
<body>
<div class="div">
<img id="week" src="week.jpg">
<p class="p"><b>Please Select Your Parking Day<br><h2><?php
include("user_link.php");?></h2></b></p>
</div>
<br><br><br>
<a href="vehicle.php?day=Monday"><div class="mon" >
<p id="day">Monday</p>
</div></a>
<a href="vehicle.php?day=Tuesday"><div class="tue">
<p id="day">Tuesday</p>
</div></a>
<a href="vehicle.php?day=Wednesday"><div class="wed">
<p id="day">Wednesday</p>
</div></a>
<a href="vehicle.php?day=Thursday"><div class="thu">
```

```
<p id="day">Thursday</p>
</div></a>
```
26
```
<a href="vehicle.php?day=Friday"><div class="fri">
<p id="day">Friday</p>
</div></a>
<a href="vehicle.php?day=Saturday"><div class="sat">
<p id="day">Saturday</p>
</div></a>
</body>
</html>
```

11. Vehicle.php

```
<html>
<head>
<style>
img
{
width:16px;
height:15px;
}
.d2
{
padding:100px;
background-color:white;
border:1px solid rgb(230,230,230);
cursor:pointer;
line-height:25px;
width:1000px;
height:2000px;
margin-left:auto;
margin-right:auto;
opacity:0.9;
margin-top:0px;
```
27
```
color:orange;
background-color:black;
}
body
{
background-image:url(background.jpeg);
margin:0;
}
#c1
{
font-size:18px;
font-family:helvetica;
background-color:#990033;
margin-top:-20;
width:100%;
height:13%;
font-size:50px;
color:white;
}
#card
{
width:40%;
height:200px;
```

```
}
#card1
{
margin:auto;
width:40%;
height:200px;
}
28

</style>
<body>
<?php
session_start();
if(!isset($_SESSION['username']))
{
echo "Not a session";
}
else
{
$tmp_username = $_SESSION['username'];
echo $tmp_username;
echo "<br />";
$tmp_building = $_SESSION['building'];
echo $tmp_building;
echo "<br />";
$day=$_REQUEST['day'];
echo $day;
$_SESSION['day'] = $day;
}
?>
<?php include("user_link.php");?>
<div id="c1"><center><b>Vehicle </b></center></div>
<div class="d2"><div class="i2"><h2>Choose vehicle type</h2></div></br>
<table>
<tr>
<td><img id="card" src="bike.png">  &n  <img id="card1"
src="car.jpeg">
</td>
</tr>
</table>
29

<input type=radio onclick = "window.location='bike_pre_slot.php';" name="r1"
/>Two-Wheeler Parking
               
<input type=radio onclick = "window.location='pre_slot.php';" name="r1">Four-
Wheeler Parking
<br><br>
</body>
</head>
</html>
```

12. Bike_pre_slot.php

```
<?php
session_start();
if(!isset($_SESSION['username']))
{
echo "Not a session";
}
else
```

```
{
$tmp_username = $_SESSION['username'];
echo $tmp_username;
echo "<br />";
$tmp_building = $_SESSION['building'];
echo $tmp_building;
echo "<br />";
$day=$_SESSION['day'];
echo $day;
include("bike_slots.php");
}
?>
```

13. Pre_slot.php

```
<?php
session_start();
if(!isset($_SESSION['username']))
```



```
{
echo "Not a session";
}
else
{
$tmp_username = $_SESSION['username'];
echo $tmp_username;
echo "<br />";
$tmp_building = $_SESSION['building'];
echo $tmp_building;
echo "<br />";
$day=$_SESSION['day'];
echo $day;
include("slots.php");
}
?>
```

14. Bike_slots.php

```
<html>
<head>
<style>
body
{
margin:0;
background-color:black;
}
div.div
{
width:100%;
height:13%;
background-color:navy;
color:white;
text-align:center;
font-size:70px;
}
```



```
div.div2
{
height:107px;
width:132px;
```

```
border: 1px black solid;
float:left;
text-align:center;
background-color:white;
}
p
{
margin-top:30px;
font-size:30px;
}
div.div2:hover
{
color:orange;
background-color:black;
opacity:0.9;
}
</style>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script
>
<script>
$(document).ready(function(){
$("div").click(function(){
$(this).css("background-color","yellow");
})
})
</script>
</head>
<body>
<div class="div">
32

Please Select your slot
</div>
<a href="check_slot.php?Slot=41" target="_"><div class="div2">
<p class="p1"> Slot-41</p>
</div></a>
<a href="check_slot.php?Slot=42" target="_"><div class="div2">
<p class="p1"> Slot-42</p>
</div></a>
<a href="check_slot.php?Slot=43" target="_"><div class="div2">
<p class="p1"> Slot-43</p>
</div></a>
<a href="check_slot.php?Slot=44" target="_"><div class="div2">
<p class="p1"> Slot-44</p>
</div></a>
<a href="check_slot.php?Slot=45" target="_"><div class="div2">
<p class="p1"> Slot-45</p>
</div></a>
<a href="check_slot.php?Slot=46" target="_"><div class="div2">
<p class="p1"> Slot-46</p>
</div></a>
<a href="check_slot.php?Slot=47" target="_"><div class="div2">
<p class="p1"> Slot-47</p>
</div></a>
<a href="check_slot.php?Slot=48" target="_"><div class="div2">
<p class="p1"> Slot-48</p>
</div></a>
33
```

```
<a href="check_slot.php?Slot=49" target="_"><div class="div2">
<p class="p1"> Slot-49</p>
</div></a>
<a href="check_slot.php?Slot=50" target="_"><div class="div2">
<p class="p1"> Slot-50</p>
</div></a>
<a href="check_slot.php?Slot=51" target="_"><div class="div2">
<p class="p1"> Slot-51</p>
</div></a>
<a href="check_slot.php?Slot=52" target="_"><div class="div2">
<p class="p1"> Slot-52</p>
</div></a>
<a href="check_slot.php?Slot=53" target="_"><div class="div2">
<p class="p1"> Slot-53</p>
</div></a>
<a href="check_slot.php?Slot=54" target="_"><div class="div2">
<p class="p1"> Slot-54</p>
</div></a>
<a href="check_slot.php?Slot=55" target="_"><div class="div2">
<p class="p1"> Slot-55</p>
</div></a>
<a href="check_slot.php?Slot=56" target="_"><div class="div2">
<p class="p1"> Slot-56</p>
</div></a>
<a href="check_slot.php?Slot=57" target="_"><div class="div2">
```

34

```
<p class="p1"> Slot-57</p>
</div></a>
<a href="check_slot.php?Slot=58" target="_"><div class="div2">
<p class="p1"> Slot-58</p>
</div></a>
<a href="check_slot.php?Slot=59" target="_"><div class="div2">
<p class="p1"> Slot-59</p>
</div></a>
<a href="check_slot.php?Slot=60" target="_"><div class="div2">
<p class="p1"> Slot-60</p>
</div></a>
<a href="check_slot.php?Slot=61" target="_"><div class="div2">
<p class="p1"> Slot-61</p>
</div></a>
<a href="check_slot.php?Slot=62" target="_"><div class="div2">
<p class="p1"> Slot-62</p>
</div></a>
<a href="check_slot.php?Slot=63" target="_"><div class="div2">
<p class="p1"> Slot-63</p>
</div></a>
<a href="check_slot.php?Slot=64" target="_"><div class="div2">
<p class="p1"> Slot-64</p>
</div></a>
<a href="check_slot.php?Slot=65" target="_"><div class="div2">
<p class="p1"> Slot-65</p>
</div></a>
```

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```
<a href="check_slot.php?Slot=66" target="_"><div class="div2">
<p class="p1"> Slot-66</p>
</div></a>
<a href="check_slot.php?Slot=67" target="_"><div class="div2">
<p class="p1"> Slot-67</p>
```

```
</div></a>
<a href="check_slot.php?Slot=68" target="_"><div class="div2">
<p class="p1"> Slot-68</p>
</div></a>
<a href="check_slot.php?Slot=69" target="_"><div class="div2">
<p class="p1"> Slot-69</p>
</div></a>
<a href="check_slot.php?Slot=70" target="_"><div class="div2">
<p class="p1"> Slot-70</p>
</div></a>
</body>
</html>
```

15. Slots.php

```
<html>
<head>
<style>
body
{
margin:0;
background-color:black;
}
div.div
{
```



```
width:100%;
height:13%;
background-color:navy;
color:white;
text-align:center;
font-size:70px;
}
div.div2
{
height:107px;
width:132px;
border: 1px black solid;
float:left;
text-align:center;
background-color:white;
}
p
{
margin-top:30px;
font-size:30px;
}
div.div2:hover
{
color:orange;
background-color:black;
opacity:0.9;
}
</style>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script
>
<script>
$(document).ready(function(){
$("div").click(function(){
```

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```
$(this).css("background-color","yellow");
})
})
</script>
</head>
<body>
<div class="div">
Please Select your slot
</div>
<a href="check_slot.php?Slot=1" target="_"><div class="div2">
<p class="p1"> Slot-1 </p>
</div></a>
<a href="check_slot.php?Slot=2" target="_" ><div class="div2">
<p class="p1"> Slot-2 </p>
</div></a>
<a href="check_slot.php?Slot=3" target="_"><div class="div2">
<p class="p1"> Slot-3 </p>
</div></a>
<a href="check_slot.php?Slot=4" target="_"><div class="div2">
<p class="p1"> Slot-4 </p>
</div></a>
<a href="check_slot.php?Slot=5" target="_"><div class="div2">
<p class="p1"> Slot-5 </p>
</div></a>
<a href="check_slot.php?Slot=6" target="_"><div class="div2">
<p class="p1"> Slot-6 </p>
</div></a>
```

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```
<a href="check_slot.php?Slot=7" target="_"><div class="div2">
<p class="p1"> Slot-7 </p>
</div></a>
<a href="check_slot.php?Slot=8" target="_"><div class="div2">
<p class="p1"> Slot-8 </p>
</div></a>
<a href="check_slot.php?Slot=9" target="_"><div class="div2">
<p class="p1"> Slot-9 </p>
</div></a>
<a href="check_slot.php?Slot=10" target="_"><div class="div2">
<p class="p1"> Slot-10 </p>
</div></a>
<a href="check_slot.php?Slot=11" target="_"><div class="div2">
<p class="p1"> Slot-11 </p>
</div></a>
<a href="check_slot.php?Slot=12" target="_"><div class="div2">
<p class="p1"> Slot-12 </p>
</div></a>
<a href="check_slot.php?Slot=13" target="_"><div class="div2">
<p class="p1"> Slot-13 </p>
</div></a>
<a href="check_slot.php?Slot=14" target="_"><div class="div2">
<p class="p1"> Slot-14 </p>
</div></a>
```

39

```
<a href="check_slot.php?Slot=15" target="_"><div class="div2">
<p class="p1"> Slot-15 </p>
```

```
</div></a>
<a href="check_slot.php?Slot=16" target="_"><div class="div2">
<p class="p1"> Slot-16 </p>
</div></a>
<a href="check_slot.php?Slot=17" target="_"><div class="div2">
<p class="p1"> Slot-17 </p>
</div></a>
<a href="check_slot.php?Slot=18" target="_"><div class="div2">
<p class="p1"> Slot-18 </p>
</div></a>
<a href="check_slot.php?Slot=19" target="_"><div class="div2">
<p class="p1"> Slot-19 </p>
</div></a>
<a href="check_slot.php?Slot=20" target="_"><div class="div2">
<p class="p1"> Slot-20</p>
</div></a>
<a href="check_slot.php?Slot=21" target="_"><div class="div2">
<p class="p1"> Slot-21</p>
</div></a>
<a href="check_slot.php?Slot=22" target="_"><div class="div2">
<p class="p1"> Slot-22 </p>
</div></a>
<a href="check_slot.php?Slot=23" target="_"><div class="div2">
<p class="p1"> Slot-23</p>
40

</div></a>
<a href="check_slot.php?Slot=24" target="_"><div class="div2">
<p class="p1"> Slot-24 </p>
</div></a>
<a href="check_slot.php?Slot=25" target="_"><div class="div2">
<p class="p1"> Slot-25 </p>
</div></a>
<a href="check_slot.php?Slot=26"><div class="div2">
<p class="p1"> Slot-26 </p>
</div></a>
<a href="check_slot.php?Slot=27" target="_"><div class="div2">
<p class="p1"> Slot-27 </p>
</div></a>
<a href="check_slot.php?Slot=28" target="_"><div class="div2">
<p class="p1"> Slot-28 </p>
</div></a>
<a href="check_slot.php?Slot=29" target="_"><div class="div2">
<p class="p1"> Slot-29 </p>
</div></a>
<a href="check_slot.php?Slot=30" target="_"><div class="div2">
<p class="p1"> Slot-30 </p>
</div></a>
<a href="check_slot.php?Slot=31" target="_"><div class="div2">
<p class="p1"> Slot-31 </p>
</div></a>
41

<a href="check_slot.php?Slot=32" target="_"><div class="div2">
<p class="p1"> Slot-32 </p>
</div></a>
<a href="check_slot.php?Slot=33" target="_"><div class="div2">
<p class="p1"> Slot-33 </p>
</div></a>
<a href="check_slot.php?Slot=34" target="_"><div class="div2">
```

```
<p class="p1"> Slot-34 </p>
</div></a>
<a href="check_slot.php?Slot=35" target="_"><div class="div2">
<p class="p1"> Slot-35 </p>
</div></a>
<a href="check_slot.php?Slot=36" target="_"><div class="div2">
<p class="p1"> Slot-36 </p>
</div></a>
<a href="check_slot.php?Slot=37" target="_"><div class="div2">
<p class="p1"> Slot-37 </p>
</div></a>
<a href="check_slot.php?Slot=38" target="_"><div class="div2">
<p class="p1"> Slot-38 </p>
</div></a>
<a href="check_slot.php?Slot=39" target="_"><div class="div2">
<p class="p1"> Slot-39 </p>
</div></a>
<a href="check_slot.php?Slot=40" target="_"><div class="div2">
<p class="p1"> Slot-40</p>
42

</div></a>
</body>
</html>
```

16. Clone_pre_slot.php

```
<?php
session_start();
if(!isset($_SESSION['username']))
{
echo "Not a session";
}
else
{
$tmp_username = $_SESSION['username'];
echo $tmp_username;
echo "<br />";
$tmp_building = $_SESSION['building'];
echo $tmp_building;
echo "<br />";
$day=$_REQUEST['day'];
echo $day;
$slot=$_REQUEST['slot'];
echo $slot;
$_SESSION['day'] = $day;
if($slot<41)
{
include("slots.php");
}
else
{
include("bike_slots.php");
}
43

}
?>
```

17. Check_slot.php

```
<?php
```

```
session_start();
if(!isset($_SESSION['username']))
{
echo "Access Denied!";
exit;
}
else
{
$tmp_username = $_SESSION['username'];
//echo $tmp_username;
//echo "<br />";
$tmp_building = $_SESSION['building'];
//echo $tmp_building;
//echo "<br />";
$tmp_day = $_SESSION['day'];
//echo $tmp_day;
//echo "<br />";
$slot=$_REQUEST['Slot'];
//echo $slot;
$_SESSION['slot'] = $slot;
if($tmp_username && $tmp_building && $tmp_day && $slot)
{
mysql_connect("localhost","root","") or die("Problem with connection...");
mysql_select_db("parking");
$query = mysql_query("SELECT * FROM booking WHERE venue='$tmp_building' and
day='$tmp_day' and slot='$slot' ");
$numrows = mysql_num_rows($query);
//echo $numrows;
```



```
if ($numrows != 0)
{
echo "This slot is already booked";
echo "<br />";
echo "<a href=clone_pre_slot.php?day=$tmp_day&slot=$slot>Choose another Slot</a>
";
}
else
{
include ("payment.php");
}
}
mysql_close();
}
?>
```

18. Payment.php

```
<html>
<head>
<style>
img
{
width:16px;
height:15px;
}
.d2
{
padding:100px;
background-color:white;
border:1px solid rgb(230,230,230);
```

```
cursor:pointer;
line-height:25px;
width:1000px;
height:2000px;
45

margin-left:auto;
margin-right:auto;
opacity:0.9;
margin-top:0px;
color:orange;
background-color:black;
}
body
{
background-image:url(background.jpeg);
margin:0;
}
#c1
{
font-size:18px;
font-family:helvetica;
background-color:#990033;
margin-top:-20;
width:100%;
height:13%;
font-size:50px;
color:white;
}
#card
{
width:40%;
height:200px;
}
#card1
{
margin:auto;
46

width:40%;
height:200px;
}
</style>
<body>
<br>
<?php
//echo "Aayush";
$tmp_username = $_SESSION['username'];
echo $tmp_username;
echo "<br />";
$tmp_building = $_SESSION['building'];
echo $tmp_building;
echo "<br />";
$tmp_day = $_SESSION['day'];
echo $tmp_day;
echo "<br />";
$tmp_slot = $_SESSION['slot'];
echo $tmp_slot;
include("user_link.php");
?>
```

```
<div id="c1"><center><b>Payment Gateway </b></center></div>
<div class="d2"><div class="i2"><h2>Payment Method </h2></div></br>
<table>
<tr>
<td><img id="card" src="cards.jpg">  &n  <img id="card1"
src="paypal.png">
</td>
</tr>
</table>
```

47

```
<input type=radio onclick = "window.location='payment_back.php';" name="r1"
/>Credit Card/Debit Card/Net Banking
                
                
         
<input type=radio onclick = "window.location='paypal.php';" name="r1">Paypal
<br><br>
</body>
</head>
</html>
```

19. Payment_back.php

```
<html>
<head>
<style>
.d1
{
padding:15px;
margin:12px;
background-color:white;
border:1px solid rgb(230,230,230);
cursor:pointer;
line-height:25px;
width:200px;
color:orange;
background-color:black;
margin-top:-10px;
margin-left:20px;
opacity:0.9;
}
img
{
```

48

```
width:16px;
height:15px;
}
.d2
{
padding:15px;
background-color:white;
border:1px solid rgb(230,230,230);
cursor:pointer;
line-height:25px;
width:200px;
margin-left:auto;
margin-right:auto;
opacity:0.9;
margin-top:-515px;
```

```
color:orange;
background-color:black;
}
.d3
{
padding:15px;
background-color:white;
border:1px solid rgb(230,230,230);
cursor:pointer;
line-height:25px;
width:200px;
float:right;
margin-top:-579px;
position:relative;
margin-right:20px;
color:orange;
background-color:black;
opacity:0.9;
```

49

```
}
body
{
background-image:url(background.jpeg);
margin:0;
}
#c1
{
font-size:18px;
font-family:helvetica;
background-color:#990033;
margin-top:-20;
width:100%;
height:13%;
font-size:50px;
color:white;
}
#card
{
width:100%;
height:80px;
}
</style>
<body>
<br>
<div id="c1"><center><b>Choose a payment mode: </b></center></div>
<br>
<br>
<div class="d1"><div class="i1"><form name="form1"><input type=radio
name="r1">Credit Card </div>
<img id="card" src="card.jpg">
<p class="p1">
```

50

```
Card Number:<br><input type="text" name="x1"><br><br>
CardHolder Name:<br><input type="text" name="x1"><br><br>
Expiry Date<br>
<select name="select"><option value="-1">select
<option>2014
<option>2015
```

```
<option>2016
<option>2017
<option>2018
<option>2019
<option>2020
<option>2021
<option>2022
<option>2023
<option>2024
</select><br><br>
CVV*:<br><input type="text" name="cvv"><br><br>
<button> Make Payment</button>
</p>
</div>
<div class="d2"><div class="i2"><input type=radio name="r1">Debit Card
</div></br>
<img id="card" src="cards.jpg">
<p class="p2">
Select Bank<br>
<select name="select"><option value="-1">select
<option>HDFC Bank
<option>Andhra Bank
<option>Bank Of India
<option>Bank of Baroda
<option>Central Bank Of India
<option>Corporation Bank
<option>Bank Of Maharashtra
```



```
<option>Canara Bank
<option>Axis Bank
<option>Allahabad Bank
<option>Punjab Bank
</select><br><br>
Card Number:<br><input type="text" name="x1"><br><br>
CardHolder Name:<br><input type="text" name="x1"><br><br>
Expiry Date<br>
<select name="select"><option value="-1">select
<option>2014
<option>2015
<option>2016
<option>2017
<option>2018
<option>2019
<option>2020
<option>2021
<option>2022
<option>2023
<option>2024
</select><br><br>
CVV*:<br><input type="text" name="cvv"><br><br>
<button> Make Payment</button>
</p>
</div>
<div class="d3" ><div class="i3"><input type=radio name="r1">Net
Banking<br></div> <br>
<img id="card" src="net.jpg">
<p class="p3">Select Bank<br>
<select name="select"><option value="-1">select
<option>HDFC Bank
```

```
<option>Andhra Bank
<option>Bank Of India
<option>Bank of Baroda
52

<option>Central Bank Of India
<option>Corporation Bank
<option>Bank Of Maharashtra
<option>Canara Bank
<option>Axis Bank
<option>Allahabad Bank
<option>Punjab Bank
</select><br><br>
<button> Make Payment</button>
</form>
</p>
</div>
</body>
</html>
```

20. Paypal.php

```
<?php
include("user_booking_detail.php");
mysql_connect("localhost","root","");
mysql_select_db("parking");
//Set useful variables for paypal form
$paypalURL = 'https://www.sandbox.paypal.com/cgi-bin/webscr'; //Test PayPal API
URL
$paypalID = 'chachan.aayush529-facilitator@gmail.com'; //Business Email
?>
<?php
//Fetch products from the database
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
53

echo "<center><h1> ORDER DETAILS </h1></center>";
if($tmp_slot<41)
{
$amount=50;
}
else
{
$amount=25;
}
?>
<center> Venue: <?php echo $tmp_building; ?>
<center> Day: <?php echo $tmp_day; ?>
<center> Slot: <?php echo $tmp_slot; ?>
<center> Price: <?php echo $amount; ?>
<form action="<?php echo $paypalURL; ?>" method="post">
<!-- Identify your business so that you can collect the payments. -->
<input type="hidden" name="business" value="<?php echo $paypalID; ?>">
<!-- Specify details about the item that buyers will purchase. -->
<input type="hidden" name="cmd" value="_cart">
```

```
<input type="hidden" name="upload" value="1">
<input type="hidden" name="message" value="<?php echo $tmp_username; ?>">
<input type="hidden" name="item_name_1" value="<?php echo $tmp_day; ?>">
<input type="hidden" name="amount_1" value="<?php echo $amount; ?>">
<input type="hidden" name="quantity_1" value="1">
<!-- Specify URLs -->
<input type='hidden' name='cancel_return'
value='http://localhost/software1/cancel.php'>
```

54

```
<input type='hidden' name='return'
value='http://localhost/software1/success.php'>
<!-- Display the payment button. -->
<br />
<input type="submit" name="submit" border="0" value="PAY by PayPal">
</form>
```

21. Success.php

```
<html>
<head>
<title>Success</title>
</head>
<body background="background.jpeg" >
<?php
include("user_booking_detail.php");
mysql_connect("localhost","root","") or die("Problem with connection...");
mysql_select_db("parking");
if($tmp_slot<41)
{
$amount=50;
}
else
{
$amount=25;
}
$num=rand(98525,99999);
mysql_query("INSERT INTO booking(transaction_id,email,venue,day,slot,payment )
VALUES($num,'$tmp_username','$tmp_building','$tmp_day','$tmp_slot',$amount)");
echo "<br />";
echo "<br />";
```

55

```
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
echo "<center><h1>Payment received successfully</h1></center>";
echo "<br />";
echo "<br />";
echo "<br />";
?>
<h2><center> Venue: <?php echo $tmp_building; ?>
<center> Day: <?php echo $tmp_day; ?>
<center> Slot: <?php echo $tmp_slot; ?>
<center> Price: <?php echo $amount; ?></h2>
<?php
header("Refresh:5; url=user_users.php");
?>
```

```
</body>
</html>
```

22. Cancel.php

```
<html>
<head>
<title> Cancel Transaction</title>
<style type="text/css">
h2 {
color: pink;
background-color: white;
border-bottom: 2px solid white;
```

56

```
background-color: black;
}
body {background-color:#d2b953;
color: white;
font-size:20px;
background-
image:url(https://sites.google.com/site/mrdorn/_/rsrc/1426045277141/video/pictur
es-for-website/3D-Background-High-Definition-HD.jpg);
background-repeat:no-repeat;background-position:top left;background-
attachment:fixed; text-align:center; color:white;
}
</style>
</head>
<body>
<?php
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
echo "<br />";
echo "<center><h1>OOPS! There was some problem. The Transaction has been
cancelled</h1></center>";
echo "<br />";
echo "<br />";
echo "<br />";
header("refresh:4; url=user_users.php");
?>
```

23. View_booking.php

```
<html>
```

57

```
<head>
<title>My Bookings</title>
<style>
#img
{
float:left;
width:50px;
height:50px;
margin-top:6px;
margin-left:5px;
}
```

```
div.a
{
background-color:black;
color:white;
height:60px;
font:50px verdena italic;
}
div.div1
{
background-color:rgb(7,76,99);
height:100%;
margin-left:400px;
margin-right:400px;
border:5px black solid;
}
body{
margin-top:0px;
}
div.b
{
height:40px;
width:170px;
```

58

```
color:white;
font-size:23px;
margin-top:20px;
text-align:center;
text-align-vertical:center;
background-color:rgb(98,123,128);
margin-bottom:30px;
padding-top:10px;
}
a
{
text-decoration:none;
}
div.b:hover
{
border:black solid 2px;
color:black;
background-color:white;
font-weight:bold;
}
p.p
{
text-align:center;
font-size:25px;
font-weight:bold;
color:rgb(67,160,148);
}
div.hr{
margin-top:-10px;
width:100%;
height:20px;
background-color:black;
```

59

```
margin-bottom:-2px;
}
```

```
</style>
<script>
</script>
</head>
<body background="background.jpeg" >
<?php
$date = date('F d, Y, g:i:s a');
//$tmp_username=$_REQUEST['username'];
include("clone_user_session.php");
echo $tmp_username;
include("user_link.php");
mysql_connect("localhost", "root", "") or die("We couldn't connect!");
mysql_select_db("parking");
echo "<table width=\"50%\" align=center border=2>";
echo "<tr><th width=\"20%\" align= center \">TRANSACTION ID</th>
<th width=\"20%\" align= center \">Day</th>
<th width=\"20%\" align= center \">Venue</th>
<th width=\"20%\" align= center \">Slot</th></tr>";
$name = mysql_query("SELECT * FROM booking WHERE email='$tmp_username'");
while($row = mysql_fetch_assoc($name)){
$day = $row['day'];
$transac_id = $row['transaction_id'];
$venue = $row['venue'];
$slot = $row['slot'];
echo "<br />";
```

60

```
echo "<tr><td align= center>$transac_id</td><td align= center>$day</td><td
align= center>$venue</td><td align= center>$slot</td></tr>";
}
?>
</body>
</html>
```

24. Clone_user_session.php

```
<?php
session_start();<br />";
if(!isset($_SESSION['username']))
{
echo "Not a session";
}
else
{
$tmp_username = $_SESSION['username'];
}
?>
```

25. User_link.php

```
<center><h3>
<p>
<a href="user_users.php">Home</a> 
<a href="logout.php">Logout</a> 
</h3>
</center>
```

26. Logout.php

```
<?php
session_start();
session_destroy();
echo "Session destroyed!";
```

```
header("Refresh:1; url=project.php");
?>
```

27. User_booking_detail.php

```
<?php
61

session_start();
if(!isset($_SESSION['username']))
{
echo "Access Denied!";
exit;
}
else
{
$tmp_username = $_SESSION['username'];
//echo $tmp_username;
//echo "<br />";
$tmp_building = $_SESSION['building'];
//echo $tmp_building;
//echo "<br />";
$tmp_day = $_SESSION['day'];
//echo $tmp_day;
//echo "<br />";
$tmp_slot = $_SESSION['slot'];
//echo $tmp_slot;
}
?>
```

28. Profile.php

```
<html>
<head>
<title>Profile</title>
<style>
#img
{
float:left;
width:50px;
height:50px;
margin-top:6px;
margin-left:5px;
62

}
div.a
{
background-color:black;
color:white;
height:60px;
font:50px verdena italic;
}
div.div1
{
background-color:rgb(7,76,99);
height:100%;
margin-left:400px;
margin-right:400px;
border:5px black solid;
}
body{
```

```
margin-top:0px;
}
div.b
{
height:40px;
width:170px;
color:white;
font-size:23px;
margin-top:20px;
text-align:center;
text-align-vertical:center;
background-color:rgb(98,123,128);
margin-bottom:30px;
padding-top:10px;
}
```

63

```
a
{
text-decoration:none;
}
div.b:hover
{
border:black solid 2px;
color:black;
background-color:white;
font-weight:bold;
}
p.p
{
text-align:center;
font-size:25px;
font-weight:bold;
color:rgb(67,160,148);
}
div.hr{
margin-top:-10px;
width:100%;
height:20px;
background-color:black;
margin-bottom:-2px;
}
</style>
<script>
</script>
</head>
<body background="background.jpeg" >
```

64

```
<?php
include ("clone_user_session.php");
echo $tmp_username;
include("user_link.php");
mysql_connect("localhost", "root", "") or die("We couldn't connect!");
mysql_select_db("parking");
$query = mysql_query("SELECT * FROM users WHERE email='$tmp_username' ");
$numrows = mysql_num_rows($query);
while($row = mysql_fetch_assoc($query))
{
$first_name = $row['first_name'];
```

```
$last_name = $row['last_name'];
$contact = $row['contact'];
$country = $row['country'];
}
?>
<br />
<br />
<a href="edit.php" ><center>Edit Profile</a>
<br>
</div>
<h3><?php echo $first_name; echo " "; echo $last_name; ?></h3>
<div class="col-md-3 col-lg-3 " align="center"> <img alt="User Pic"
src="boy.png" > </div>
<table>
<tbody>
<tr>
<td>Email:</td>
<td><?php echo $tmp_username; ?></td>
65

</tr>
<br>
<tr>
<tr>
<td>Gender: </td>
<td>Male</td>
</tr>
<tr>
<td>Home Address: </td>
<td><?php echo $country; ?></td>
</tr>
<tr>
<td>Phone Number</td>
<td><br><br><?php echo $contact; ?>(Mobile)
</td>
</tr>
</tbody>
</table>
<div class="panel-footer">
<a data-original-title="Broadcast Message" data-toggle="tooltip" type="button"
class="btn btn-sm btn-primary"><i class="glyphicon glyphicon-envelope"></i></a>
<span class="pull-right">
<a href="edit.html" data-original-title="Edit this user" data-toggle="tooltip"
type="button" class="btn btn-sm btn-warning"><i class="glyphicon glyphicon-
edit"></i></a>
<a data-original-title="Remove this user" data-toggle="tooltip" type="button"
class="btn btn-sm btn-danger"><i class="glyphicon glyphicon-remove"></i></a>
</span>
</div>
66

</div>
</div>
</div>
</div>
</body>
</head>
</html>
```

29. Edit.php

```
<html>
<head>
<title>Edit Profile</title>
<style>
#img
{
float:left;
width:50px;
height:50px;
margin-top:6px;
margin-left:5px;
}
div.a
{
background-color:black;
color:white;
height:60px;
font:50px verdena italic;
}
div.div1
{
background-color:rgb(7,76,99);
height:100%;
margin-left:400px;
margin-right:400px;
67

border:5px black solid;
}
body{
margin-top:0px;
}
div.b
{
height:40px;
width:170px;
color:white;
font-size:23px;
margin-top:20px;
text-align:center;
text-align-vertical:center;
background-color:rgb(98,123,128);
margin-bottom:30px;
padding-top:10px;
}
a
{
text-decoration:none;
}
div.b:hover
{
border:black solid 2px;
color:black;
background-color:white;
font-weight:bold;
}
68

p.p
{
```

```
text-align:center;
font-size:25px;
font-weight:bold;
color:rgb(67,160,148);
}
div.hr{
margin-top:-10px;
width:100%;
height:20px;
background-color:black;
margin-bottom:-2px;
}
</style>
<script>
</script>
</head>
<body background="background.jpeg" >
<?php include ("clone_user_session.php"); ?>
<h3>Edit Customer: <?php echo $tmp_username; ?> </h3>
<form method="POST" action ="user_change.php">
<table id="n1" border="0" width="60%">
<tr><td width="30%">First Name: </td><td><input type="text" name="newname">
</td></tr>
<tr><td width="30%">Last Name: </td><td><input type="text" name="newlast">
</td></tr>
<tr><td width="30%">Password: </td><td><input type="password"
name="newpassword"> </td></tr>
```



```
<tr><td width="30%">Phone Number: </td><td><input type="int" name="newphone">
</td></tr>
<tr><td width="30%"><label for="country"><b>Country:</b></label>
<select id="newcountry" name="newcountry">
<option value="Select your Country">Select Your Country</option>
<option value="India">India</option>
<option value="Australia">Australia</option>
<option value="USA">USA</option>
<option value="South Africa">South Africa</option>
<option value="Germany">Germany</option>
<option value="China">China</option>
</select><
<p>
<input type="submit" value="Save & Update" />
</form>
</table>
</body>
</html>
```

30. User_change.php

```
<?php
include ("clone_user_session.php");
$newname = $_REQUEST['newname'];
$newlast = $_REQUEST['newlast'];
$newpassword = md5($_REQUEST['newpassword']);
$newphone = $_REQUEST['newphone'];
$newcountry = $_REQUEST['newcountry'];


mysql_connect("localhost","root","") or die("Problem with connection...");
mysql_select_db("parking");
```

```
mysql_query("UPDATE users SET first_name='$newname', last_name='$newlast',
password='$newpassword', contact=$newphone, country='$newcountry' WHERE
email='$tmp_username' ");
echo "Your values have been updated succesfully!";
header("Refresh:2; url=profile.php");
mysql_close();
?>
```

31. Cancellatin.php

```
<html>
<head>
<title>Cancel Bookings</title>
<style>
</style>
<script>
</script>
</head>
<body background="background.jpeg" >
<?php
$date = date('F d, Y, g:i:s a');
//$tmp_username=$_REQUEST['username'];
include("clone_user_session.php");
echo $tmp_username;
include("user_link.php");
mysql_connect("localhost", "root", "") or die("We couldn't connect!");
mysql_select_db("parking");
echo "<table width=\"50%\" align=center border=2>";
echo "<tr><th width=\"20%\" align= center \">TRANSACTION ID</th>
<th width=\"20%\" align= center \">Day</th>
<th width=\"20%\" align= center \">Venue</th>

<th width=\"20%\" align= center \">Slot</th>
<th width=\"20%\" align= center \">Cancel Booking</th></tr>";
$name = mysql_query("SELECT * FROM booking WHERE email='$tmp_username'");
while($row = mysql_fetch_assoc($name)){
$day = $row['day'];
$transac_id=$row['transaction_id'];
$venue = $row['venue'];
$slot = $row['slot'];
echo "<br />";
echo "<tr><td align= center>$transac_id</td><td align= center>$day</td><td
align= center>$venue</td><td align= center>$slot</td><td align= center><a
href='cancel_booking.php?day=$day&venue=$venue&slot=$slot'>Cancel</a></tr>";
?>
</body>
</html>
```

32. Cancel_booking.php

```
<?php
include("clone_user_session.php");
$day=$_REQUEST['day'];
$venue=$_REQUEST['venue'];
$slot=$_REQUEST['slot'];
mysql_connect("localhost","root","") or die("Problem with connection...");
mysql_select_db("parking");
mysql_query("DELETE FROM booking WHERE day='$day' and venue='$venue' and
slot='$slot' and email='$tmp_username'");
echo "Your booking has been cancelled!";
header("Refresh:2; url=cancellation.php");
mysql_close();
```

```
?>
```

33. Feedback.php

```
<html>
<head>
</head>
<body background="background.jpeg" >
<title>
Feedback</title>
</head>
<body>
<br><br><br><br><br><br><br><br><br><br><br><br><br><center>
<form method="post" action="mail_test.php">
<table>
<tbody><tr><td width="10">Subject:</td><td><textarea name="subject" cols="30"
rows="1"></textarea></td></tr>
<tr><td width="10">Feedback:</td><td><textarea name="feedback" cols="30"
rows="3"></textarea></td></tr>
</tbody></table>
<p align="center"><input type="submit" name="submit" value="Post Feedback">
</p><p></p></form>
</center>
</body>
</html>
```

34. Mail_test.php

```
<?php
//require 'C:\xampp\htdocs\PHPMailer-master\PHPMailer-
master\PHPMailerAutoload.php';
require 'PHPMailer-master/PHPMailerAutoload.php';
$subject=$_REQUEST['subject'];
$feedback=$_REQUEST['feedback'];
$mail = new PHPMailer;
$mail->isSMTP(); // Set mailer to use SMTP
$mail->Host = 'tls://smtp.gmail.com'; // Specify main and backup SMTP servers
$mail->SMTPAuth = true; // Enable SMTP authentication
$mail->Username = 'vitcar.parking@gmail.com'; // SMTP username
$mail->Password = 'carparking'; // SMTP password
$mail->SMTPSecure = 'tls'; // Enable TLS encryption, `ssl` also accepted
$mail->Port = 587; // TCP port to connect to
$mail->From ='vitcar.parking@gmail.com';
$mail->FromName = 'Online Parking Spot Reservation';
//$mail->addReplyTo('info@codexworld.com', 'CodexWorld');
$mail->addAddress('chachan.aayush529@gmail.com'); // Add a recipient
//$mail->addCC('cc@example.com');
//$mail->addBCC('bcc@example.com');
$mail->isHTML(true); // Set email format to HTML
$bodyContent = $feedback;
$mail->Subject = $subject;
$mail->Body = $bodyContent;
if(!$mail->send()) {
echo 'Message could not be sent.';
echo 'Mailer Error: ' . $mail->ErrorInfo;
} else {
echo '<br><br><br><br><br><br><center>Feedback has been successfully mailed to
our IT HEAD<br> Thankyou for your valuable suggestion</center>';
```

```
header("Refresh:5; url=user_users.php");
}
?>
```