

Institute of Engineering & Technology



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Mini Project Report

On

Barber's Website

Submitted by

Sazal Goyal

Roll No:171500307

Department of Computer Engineering & Applications

Institute of Engineering & Technology



GLA University, Mathura- 281406, INDIA

Submitted to: Vaibhav Diwan



Department of computer Engineering and Applications

GLA University, Mathura

17 km. Stone NH#2, Mathura-Delhi Road, P.O. – Chaumuha,

Mathura – 281406

Declaration

I hereby declare that the work which is being presented in the Mini Project Titled: **“Barber’s Appointment Website”**, in partial fulfillment of the requirements for Mini-Project LAB, is an authentic record of our own work carried under the supervision of **Mr. Vaibhav Diwan, Technical Trainer, GLA University, Mathura.**

Signature of Candidate:

Name of Candidate: Sazal Goyal

Roll. No. : 171500307

Course: Btech

Year: 3rd

Semester: Vth



Department of computer Engineering and Applications
GLA University, Mathura

**17 km. Stone NH#2, Mathura-Delhi Road, P.O. – Chaumuha,
Mathura – 281406**

CERTIFICATE

This is to certify that the project entitled “**Barber’s Appointment Website**” carried out in Mini Project – II Lab is a bonafide work done by **Sazal Goyal(171500307)** and is submitted in partial fulfillment of the requirements for the award of the degree Bachelor of Technology (Computer Science & Engineering)

Signature of Supervisor:

Name of Supervisor: Mr. Vaibhav Diwan

Date: 16/04/2019

ABSTRACT

The main objective is to develop a website that can provide a better way of making appointment of barbers. It enables hair treatment providers to improve operational effectiveness, reduce costs, reduce time consumption and enhance delivery of quality of care. This system help reduce the problems occur when using the manual customer and helps customer to skip endless queues. This website will give details of the customer and other information to the barber. As we saw customers make queues to fix appointment to a barber. This take too much time and the customer has to sit there for their turn, With this website the time will decrease and customer doesn't have to wait for his turn.

We are working on this project as this project is helpful for both Barber as well as Customers. As this project provides efficient facility for the Customer to view their price details and book it they can easily make aappointment. Therefore we came with this project.

ACKNOWLEDGEMENT

It gives us a great sense of pleasure to present the report of the B. Tech Mini Project undertaken during B. Tech. Third Year. This project in itself is an acknowledgement to the inspiration, drive and technical assistance contributed to it by many individuals. This project would never have seen the light of the day without the help and guidance that we have received.

Our heartiest thanks to **Dr. (Prof). Anand Singh Jalal**, Head of Dept., Department of CEA for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal.

We owe special debt of gratitude to **Mr. Vaibahv Diwan** , Technical Trainer, Department of CEA, for his constant support and guidance throughout the course of our work. His sincerity, thoroughness and perseverance have been a constant source of inspiration for us. He has showered us with all his extensively experienced ideas and insightful comments at virtually all stages of the project & has also taught us about the latest industry-oriented technologies.

We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and cooperation during the development of our project. Last but not the least, we acknowledge our friends for their contribution in the completion of the project

Student Information

Name: Sazal Goyal	University Roll. No.-171500307
Mobile:8570074019	Email: sazal.goyal_cs17@gla.ac.in

Information about Industry/Organization:

Organization	GLA university
Contact Person	Vaibhav Diwan 9754435581

Project Information:

Title Of Project	Barber' Appointment Website												
Role & Responsibility													
Technical Details	<p>Hardware Requirements:</p> <table> <tr> <td>Main Processor</td><td>Core I3</td></tr> <tr> <td>Hard-disk Capacity</td><td>1 G.B</td></tr> <tr> <td>RAM</td><td>2 GB</td></tr> <tr> <td>Clock Speed</td><td>2.8 Hz</td></tr> </table> <p>Keyboard 104 Key</p> <p>Software Requirements:</p> <table> <tr> <td>Operating System</td><td>Windows 10</td></tr> <tr> <td>Language</td><td>HTML/CSS/PHP</td></tr> </table>	Main Processor	Core I3	Hard-disk Capacity	1 G.B	RAM	2 GB	Clock Speed	2.8 Hz	Operating System	Windows 10	Language	HTML/CSS/PHP
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Language	HTML/CSS/PHP												
Project Implementation Details	Fully Implemented												

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CHAPTER 1

INTRODUCTION

1.1 Introduction: As we saw many customers are waiting for their in the barer shop making queue and first come first serve.It is very tedious task for customers. But by this we make a task will be simple the customer can book an appointment with barber easily by filling the form and the details will be sent to the barber.The Customers seen all the services that the barber provide and price choose one of them ,appoint them.

1.2 Motivation: As we saw customers make queues to fix appointment to a barber. This take too much time and the Doctor has to sit there for their turn, With this website the time will decrease and customer doesn't have to wait for his turn.

We are working on this project as this project is helpful for both Barber as well as Customer. As this project provides efficient facility for the Patient to view their treatment details and for the Barber to review the health of patient from initial to final stage of treatment. Therefore we came with this project.

1.3 Objective: The main objective is to develop a website that can provide a better way of making appointment of Barbers and increase the income of barber . It enables reduce costs, reduce medical errors, reduce time consumption and enhance delivery of quality of care. This system help reduce the problems occur when using the manual system and helps patients to skip endless queues. This website will send details of the customer what service they want and other information to the barber.

1.4 Scope Of Project : It will give increase the cost of barber and decrease the work of customer to make quees at the shop.

1.5 Basic Term Used

- 1.5.1 HTML** – Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.
- 1.5.2 CSS** - Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.
- 1.5.3 Bootstrap** - Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS and JavaScript-based design templates for typography, forms, buttons, navigation and other interface components.
- 1.5.4 PHP** – PHP (recursive acronym for PHP: Hypertext Preprocessor) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

CHAPTER 2

Software Requirement Specification

2.1 Bootstrap

Bootstrap is a free and open source front end development framework for the creation of websites and web apps. The Bootstrap framework is built on HTML, CSS, and JavaScript (JS) to facilitate the development of responsive, mobile-first sites and apps.

Responsive design makes it possible for a web page or app to detect the visitor's screen size and orientation and automatically adapt the display accordingly; the mobile first approach assumes that smartphones, tablets and task-specific mobile apps are employees' primary tools for getting work done and addresses the requirements of those technologies in design.

Bootstrap includes user interface components, layouts and JS tools along with the framework for implementation. The software is available precompiled or as source code.

2.2 PHP

PHP can be used on all major operating systems, including Linux, many Unix variants (including HP-UX, Solaris and OpenBSD), Microsoft Windows, macOS, RISC OS, and probably others. PHP also has support for most of the web servers today. This includes Apache, IIS, and many others. And this includes any web server that can utilize the FastCGI PHP binary, like lighttpd and nginx. PHP works as either a module, or as a CGI processor.

So with PHP, you have the freedom of choosing an operating system and a web server. Furthermore, you also have the choice of using procedural programming or object oriented programming (OOP), or a mixture of them both.

2.3 Web Browser

A web browser, or simply "browser," is an application used to access and view websites. Common web browsers include Microsoft Internet Explorer, Google Chrome, Mozilla Firefox, and Apple Safari.

The primary function of a web browser is to render HTML, the code used to design or "mark up" web pages. Each time a browser loads a web page, it processes the HTML, which may include text, links, and references to images and other items, such as cascading style sheets and JavaScript functions. The browser processes these items, then, renders them in the browser window.

2.4 Visual Studio Code

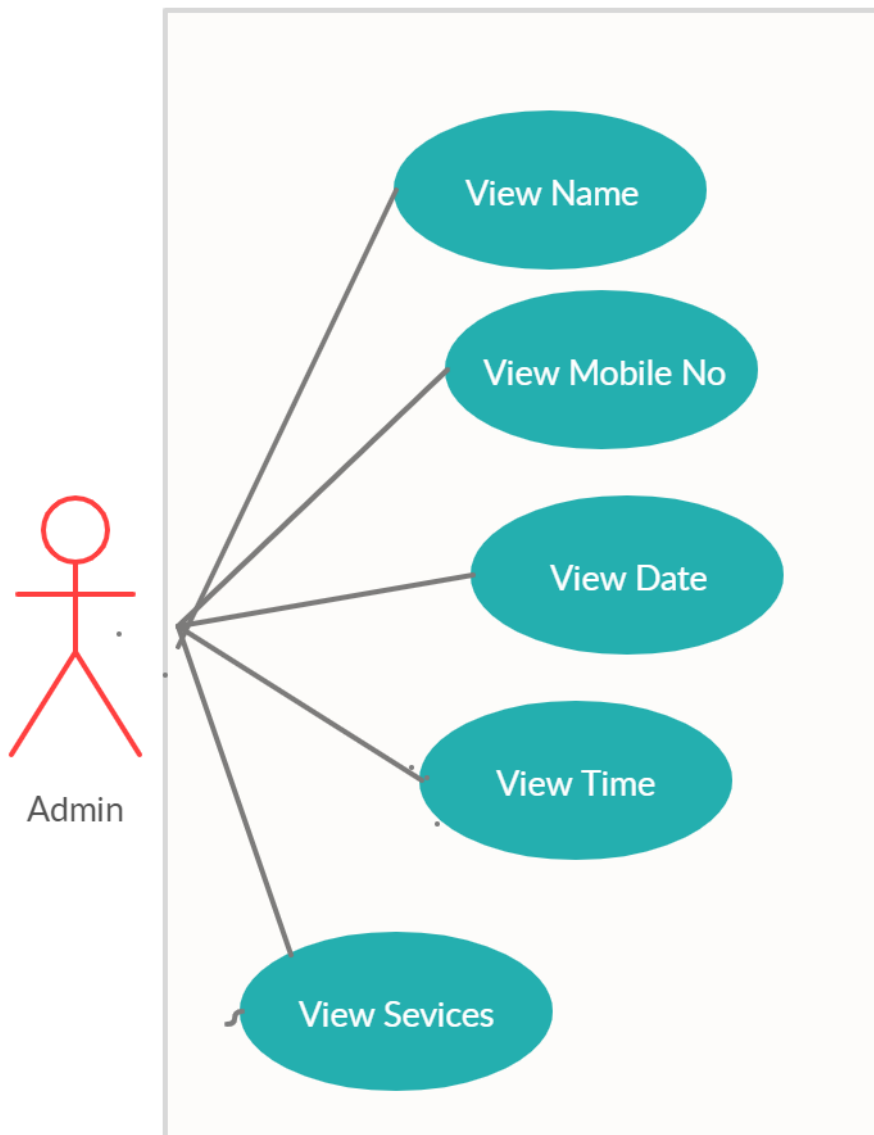
Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go) and runtimes (such as .NET and Unity).

Visual Studio Code is an editor first and foremost, and includes the features you need for highly productive source code editing. This topic takes you through the basics of the editor and helps you get moving with your code.

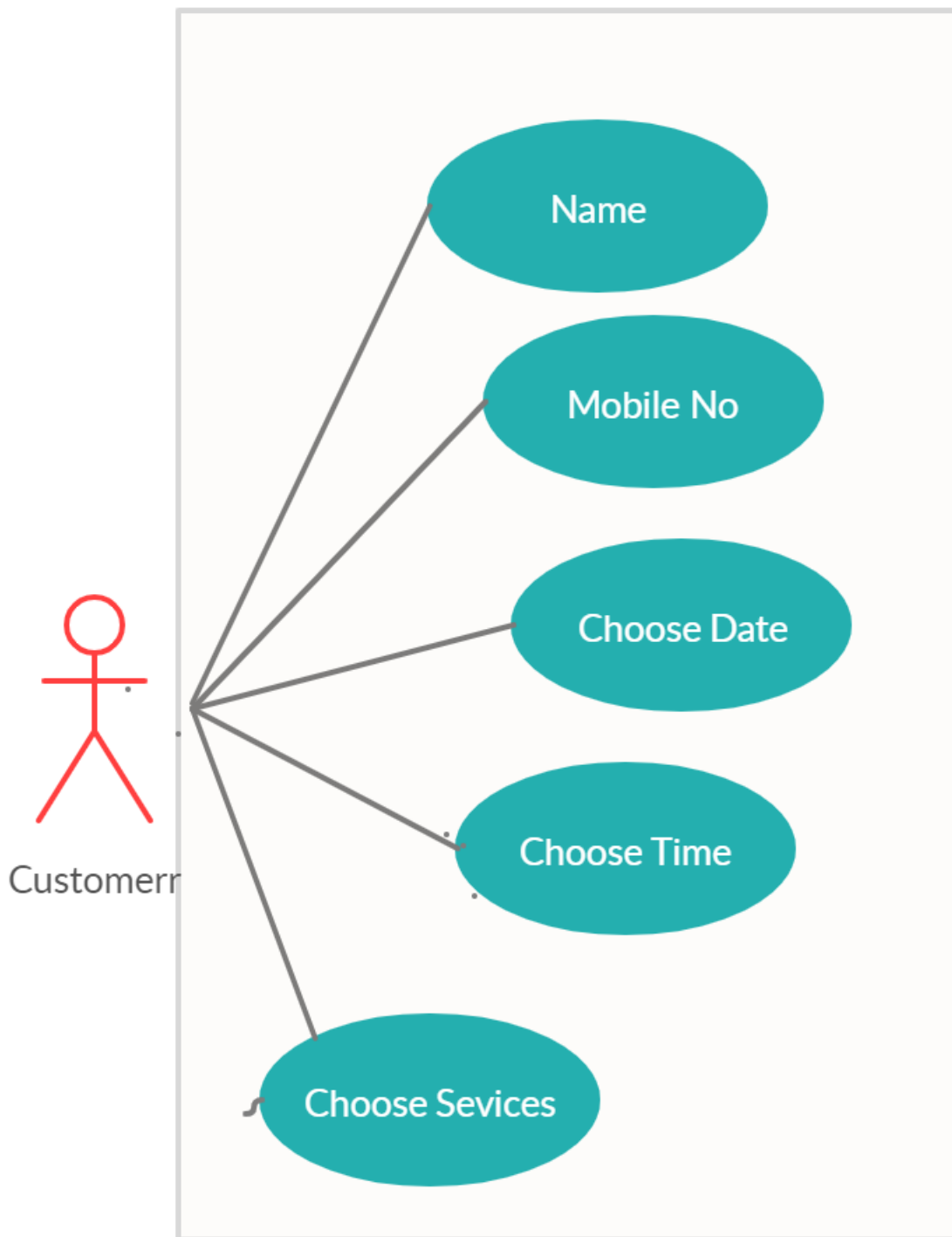
CHAPTER 3

DATABASE DESIGN

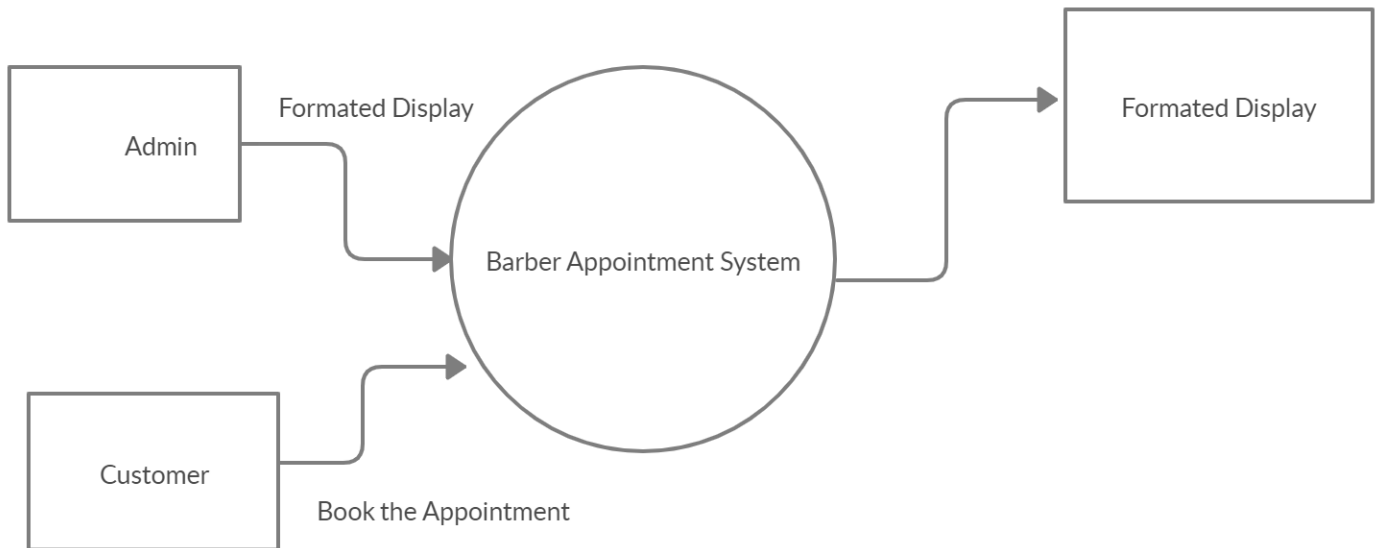
3.1 Use Case Diagram of admin:



3.2 Use Case Diagram of Customer:



3.3 DFD (DATA FLOW DIAGRAM)



MY SQL QUERRIES:

-- phpMyAdmin SQL Dump

-- version 4.8.3

-- <https://www.phpmyadmin.net/>

-- Host: 127.0.0.1

-- Generation Time: Nov 25, 2019 at 08:37 AM

-- Server version: 10.1.35-MariaDB

-- PHP Version: 7

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";

SET AUTOCOMMIT = 0;

START TRANSACTION;

SET time_zone = "+00:00";

Barber's Appointment Website

-- Database: `order`

-- Table structure for table `register`

CREATE TABLE `register` (

`name` varchar(50) NOT NULL,

`service` varchar(100) NOT NULL,

`message` mediumtext NOT NULL,

`mobile` varchar(20) DEFAULT NULL,

`time` varchar(20) DEFAULT NULL,

`date` varchar(20) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

INSERT INTO `register` (`name`, `service`, `message`, `mobile`, `time`, `date`) VALUES

('Shiv Kumar', 'Beard Cutting', 'qwe',
'78956498765', '05:06', '2019-11-20'),

('sazal', 'Hair Cutting', 'lksjklaskjxasklxhklasx',
'8570074019', '02:45', '2019-11-04'),

('sazal', 'Hair Cutting', 'lksjklaskjxasklxhklasx',
'8570074019', '02:45', '2019-11-04'),

('WADXWa', 'Hair Cutting', 'sanmbsbjksa', '98545',
'04:52', '0042-09-04'),

('sazal', 'Hair Cutting', 'jhqjkhdlqjh', '354658790',
'04:08', '23656-05-06');

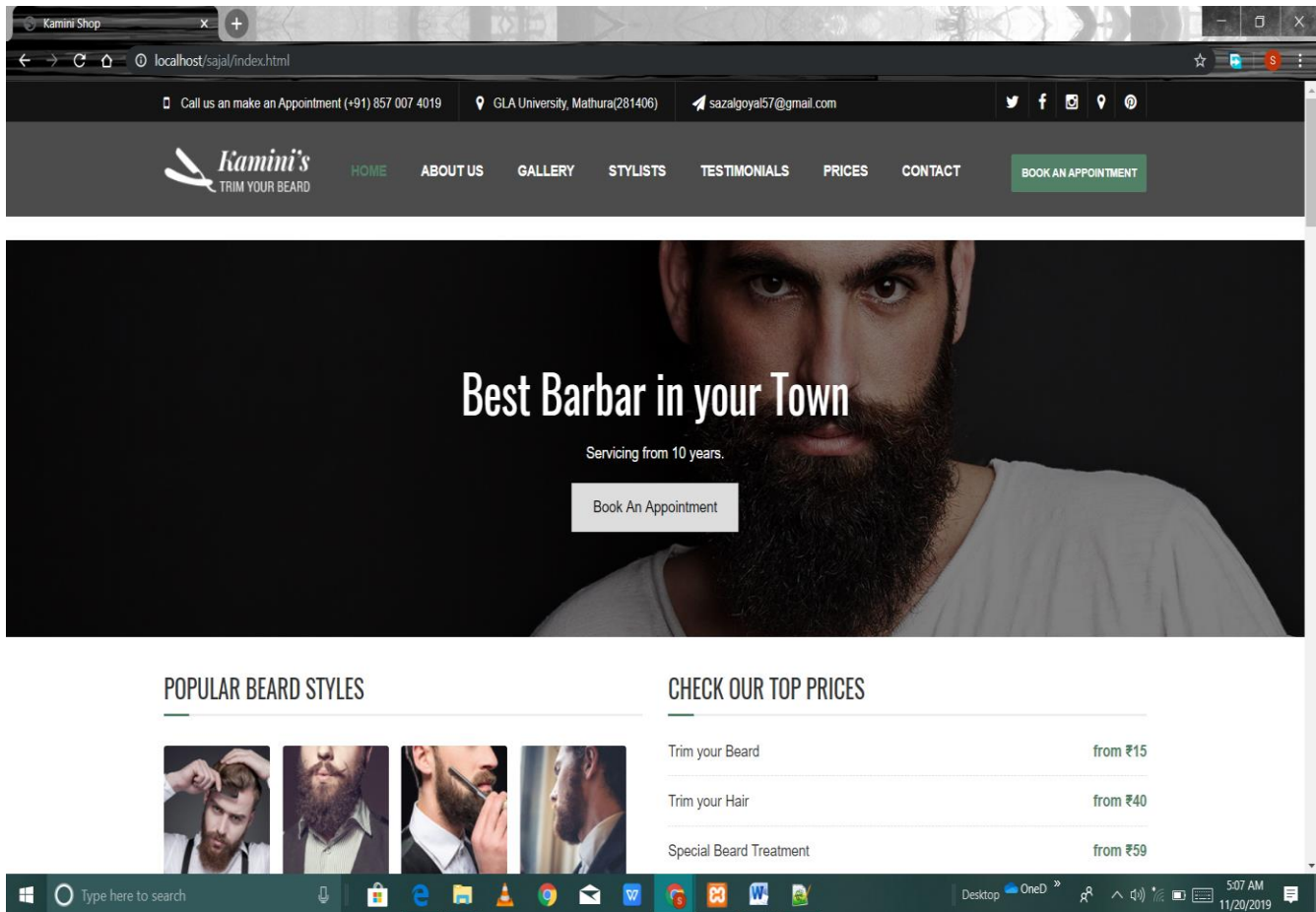
COMMIT;

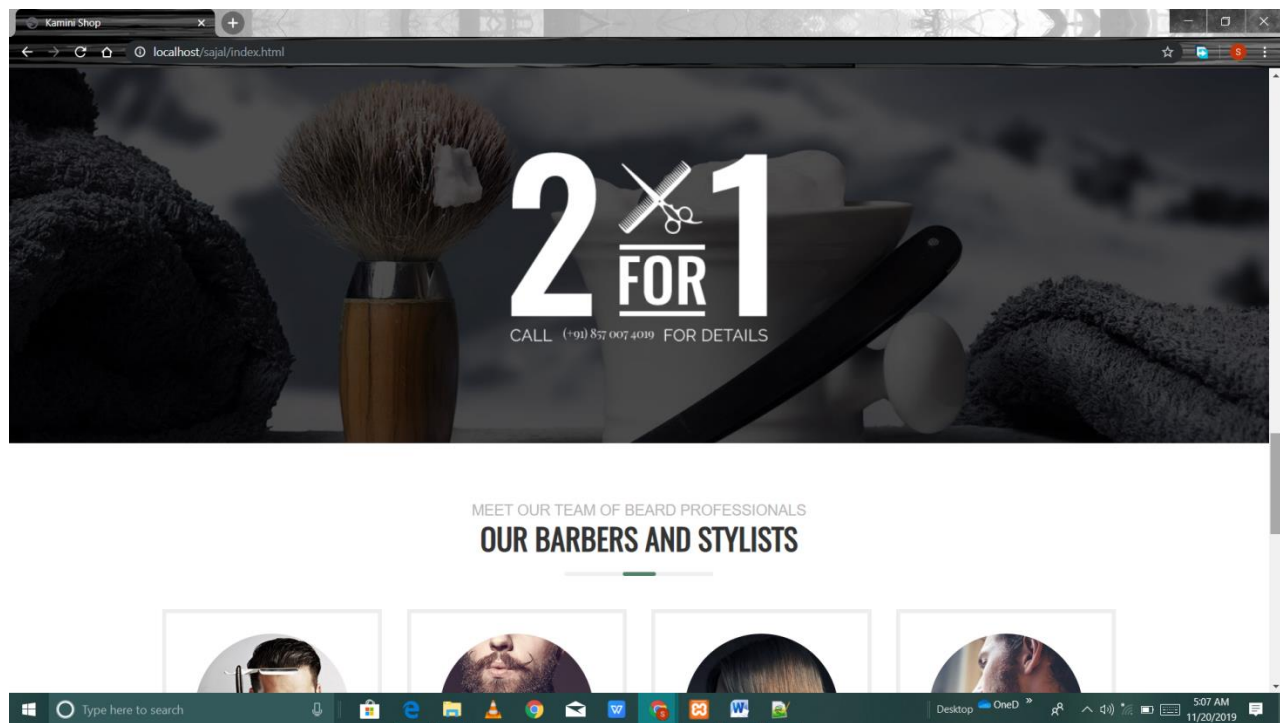
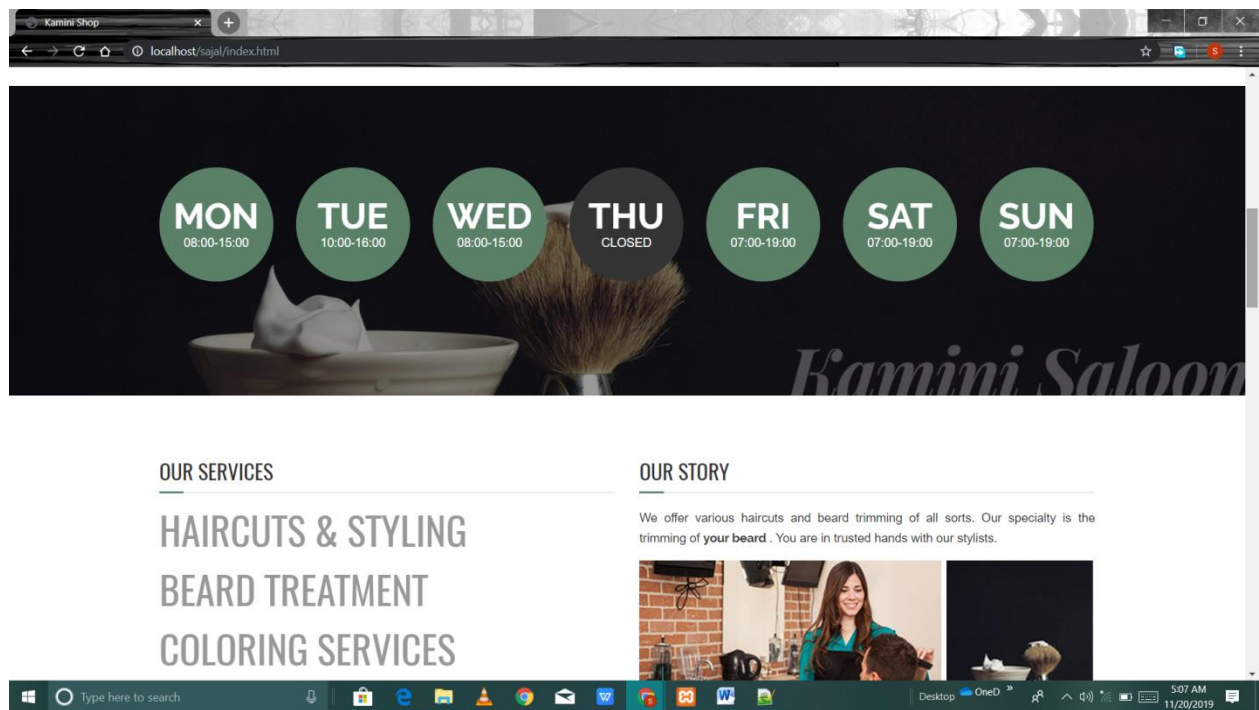
CHAPTER 4

USER INTERFACE AND SCREENSHOTS

4.1 Screen Shots:

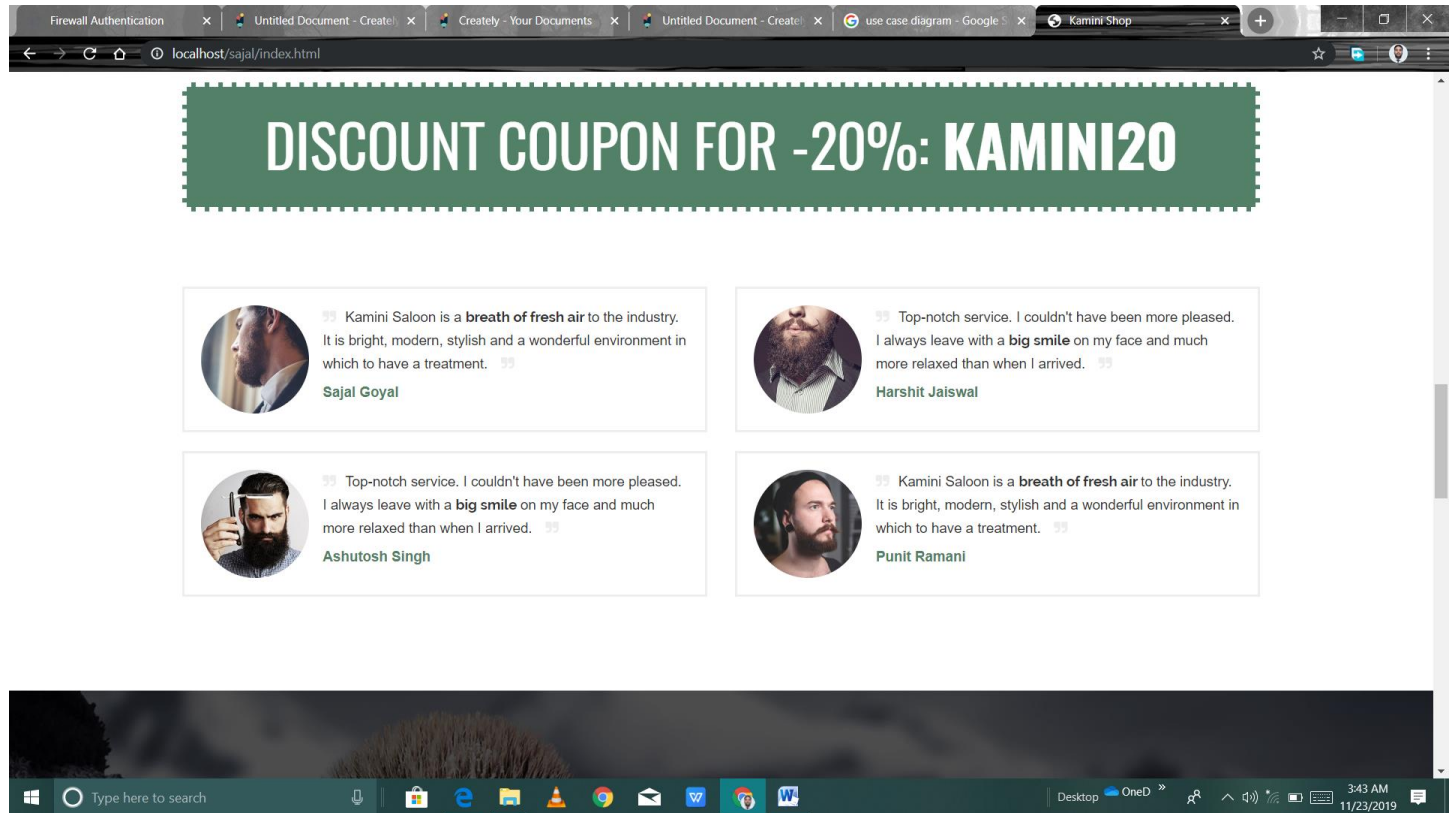
Header:



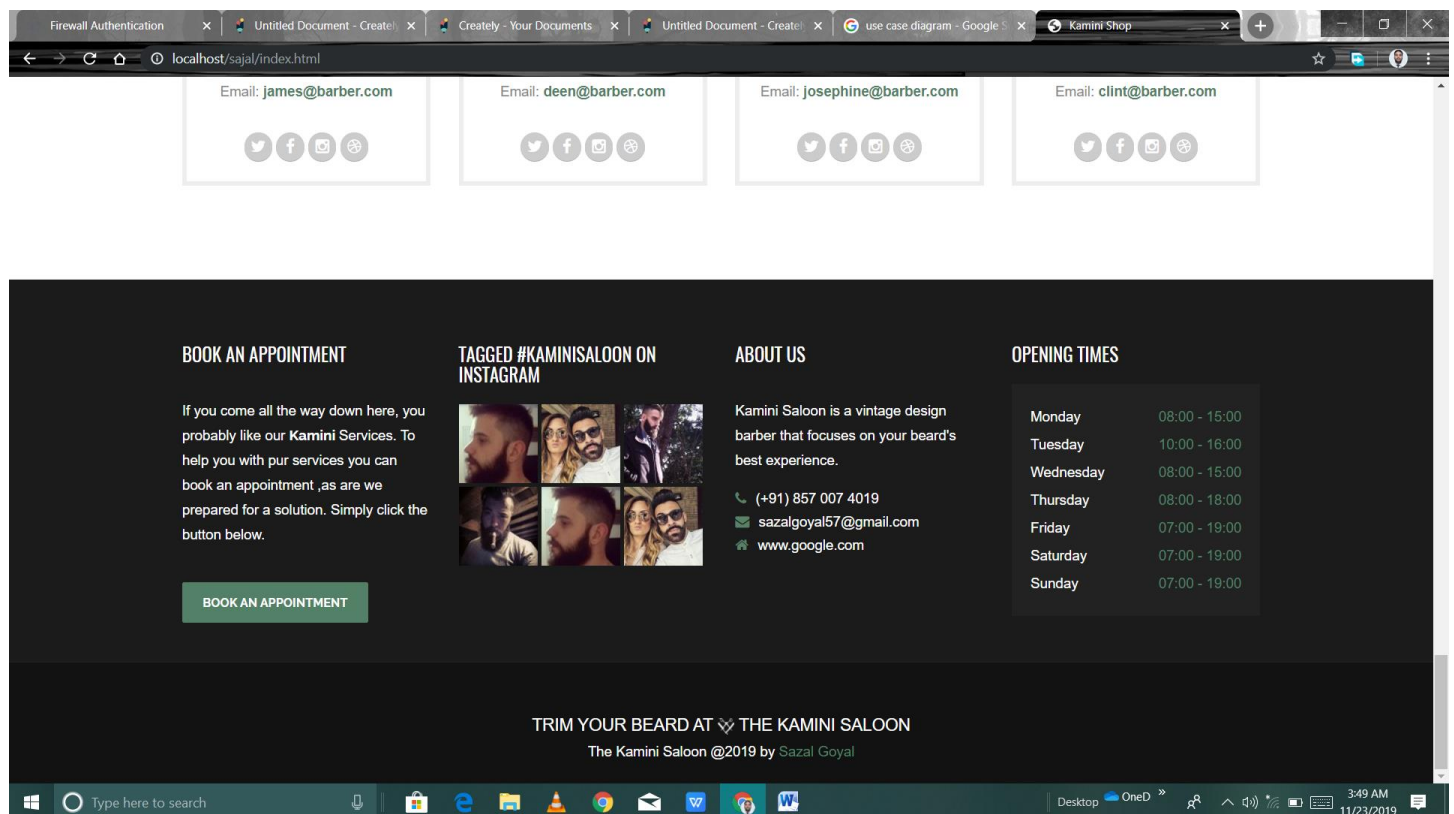


Barber's Appointment Website

TESTINOMIALS



Footer:



4.2 Implementations:

PHP CODE FOR STORING DATABASE:

```
<?php
```

```
$con=mysqli_connect("localhost","root","","order") or die(mysql_error());
```

```
if(isset($_POST['submit'])){
```

```
    $name=$_POST['name'];
```

```
    $mobile=$_POST['mobile'];
```

```
    $date=$_POST['date'];
```

```
    $time=$_POST['time'];
```

```
    $service=$_POST['service'];
```

```
    $message=$_POST['message'];
```

```
    if($name=="")
```

```
    {
```

```
        echo "<script>alert('Enter your Name')</script>";
```

```
    }
```

```
    if($mobile=="")
```

```
    {
```

```
        echo "<script>alert('Enter your Mobile Number')</script>";
```

```
    }
```

```
    if($date=="")
```

Barber's Appointment Website

```
{  
  
    echo "<script>alert('Enter Date')</script>";  
  
}  
  
if($time=="")  
  
{  
  
    echo "<script>alert('Enter Time')</script>";  
  
}  
  
  
  
if($service=="")  
  
{  
  
    echo "<script>alert('Enter desired Service')</script>";  
  
}  
  
  
  
if($message=="")  
  
{  
  
    echo "<script>alert('Enter Message')</script>";  
  
}  
  
  
  
else{  
  
  
  
    $query="Insert into register(name,service,message,mobile,time,date) values  
('$name','$service','$message','$mobile','$time','$date')";  
  
  
  
if(mysqli_query($con,$query)){  
  
    echo "<script>alert('Your slot has been booked Successfully ')</script>";  
  
}  
  
}
```

Barber's Appointment Website

}

?>

CODE FOR SHOWING DATA new.php:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title>Registrations</title>
```

```
<style>
```

```
table {
```

```
border-collapse: collapse;
```

```
border-spacing: 0;
```

```
width: 100%;
```

```
border: 1px solid #ddd;
```

```
}
```

```
th,
```

```
td {
```

```
text-align: left;
```

```
padding: 16px;
```

```
}
```

```
tr:nth-child(even) {
```

```
Barber's Appointment Website
    background-color: #f2f2f2
}
```

```
        .button {

display: inline-block;

border-radius: 4px;

background-color: #f4511e;

border: none;

color: #FFFFFF;

text-align: center;

font-size: 20px;

padding: 15px;

width: 120px;

transition: all 0.5s;

cursor: pointer;

margin: 5px;

}

.button:hover {

    background-color: red; /* Green */

    color: white;

}
```

```
.button span {

    cursor: pointer;

display: inline-block;

position: relative;
```


Barber's Appointment Website

transition: 0.5s;

}

.button span:after {

content: '\21D0';

position: absolute;

opacity: 0;

top: 0;

right: -20px;

transition: 0.5s;

}

.button:hover span {

padding-right: 25px;

}

.button:hover span:after {

opacity: 1;

right: 0;

}

</style>

</head>

<body>

<h2>Total Bookings</h2>

<table>

<tr>

<th>Name</th>

<th>Service</th>

<th>Mobile</th>

<th>Time</th>

<th>Date</th>

<th>Message</th>

</tr>

<?php

```
$con=mysqli_connect("localhost","root","","order") or die(mysql_error());
```

```
$sql = "SELECT * FROM register ";
```

```
$result = mysqli_query($con, $sql);
```

```
if (mysqli_num_rows($result) > 0) {
```

```
    // output data of each row
```

```
    while($row = mysqli_fetch_assoc($result)) {
```

```
        echo ' ';
```

Barber's Appointment Website

```
<tr>

<td>'$.row["name"].'</td>

<td>'$.row["service"].'</td>

<td>'$.row["mobile"].'</td>

<td>'$.row["time"].'</td>
<td>'$.row["date"].'</td>

<td>'$.row["message"].'</td>

</tr>';

}

} else {

    echo "";

}

?>

</table>

</body>

</html>
```

CHAPTER 5

TESTING

5.1 Introduction to Testing

Software testing is the process of evaluation a software item to detect differences between given input and expected output. Also to assess the feature of A software item. Testing assesses the quality of the product. Software testing is a process that should be done during the development process. In other words software testing is a verification and validation process.

5.2 Validation Testing

Validation Testing is the process of ensuring if the tested and developed software satisfies the client /user needs. The business requirement logic or scenarios have to be tested in detail. All the critical functionalities of an application must be tested here

5.3 Database Testing

Database Testing is checking the schema, tables, triggers, etc. of the database under test. It may involve creating complex queries to load/stress test the database and check its responsiveness. It Checks data integrity and consistency.

```
--  
-- Database: `order`  
-- Table structure for table `register`  
CREATE TABLE `register` (  
  `name` varchar(50) NOT NULL,  
  `service` varchar(100) NOT NULL,  
  `message` mediumtext NOT NULL,  
  `mobile` varchar(20) DEFAULT NULL,  
  `time` varchar(20) DEFAULT NULL,  
  `date` varchar(20) DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
INSERT INTO `register` (`name`, `service`, `message`, `mobile`, `time`, `date`) VALUES
```

Barber's Appointment Website

('Shiv Kumar', 'Beard Cutting', 'qwe', '78956498765', '05:06', '2019-11-20'),
('sazal', 'Hair Cutting', '
' , '8570074019', '02:45', '2019-11-04'),
('sazal', 'Hair Cutting', '
' , '8570074019', '02:45', '2019-11-04'),
('WADXWa', 'Hair Cutting', '
'98545', '04:52', '0042-09-04'),
('sazal', 'Hair Cutting', '
'354658790', '04:08', '23656-05-06');
COMMIT;

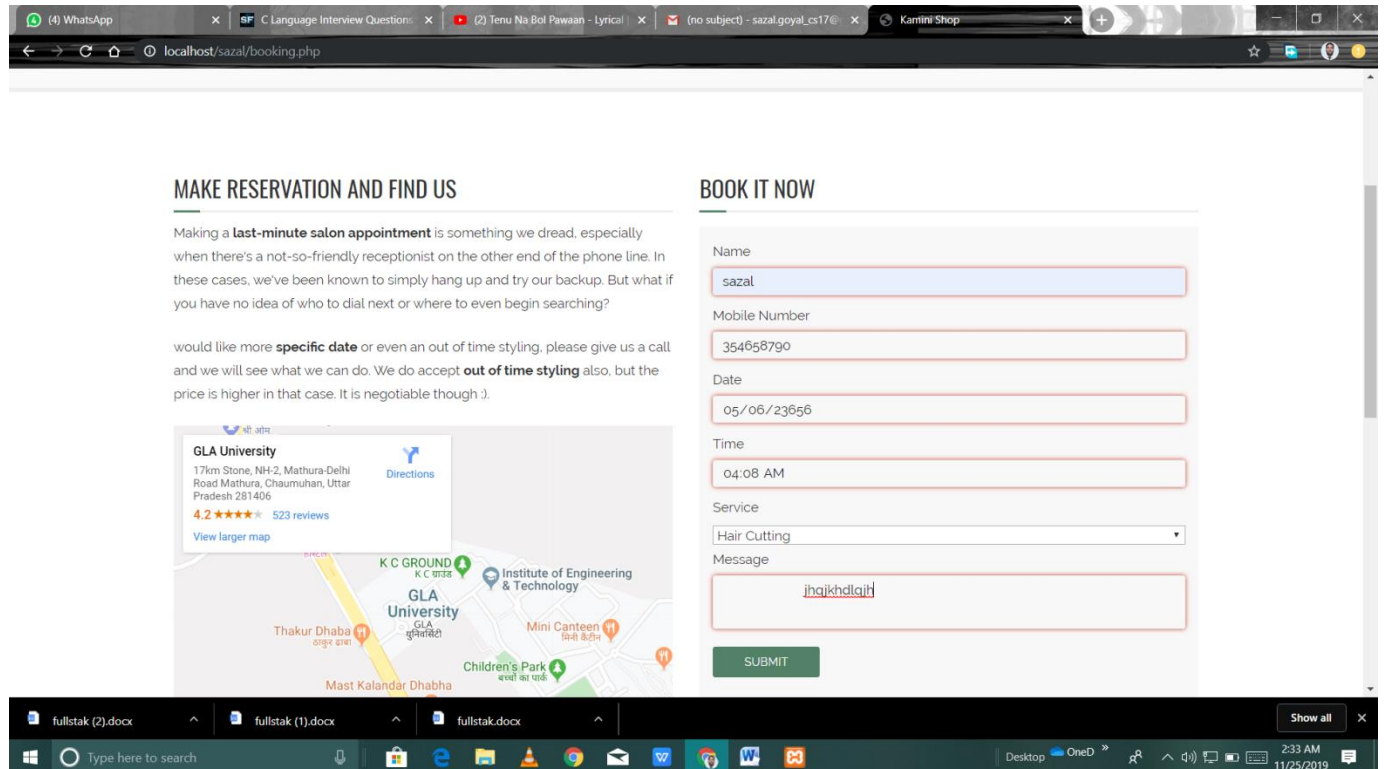
lksjklaskjxasklhxhklasx

lksjklaskjxasklhxhklasx

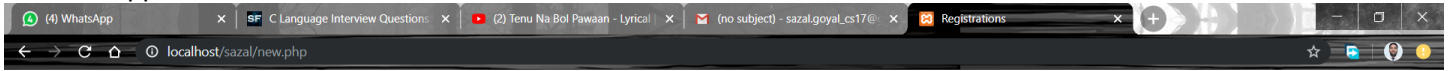
sanmbsbjksa',

jhqjkhdlqjh

,



Barber's Appointment Website



Total Bookings

Name	Service	Mobile	Time	Date	Message
Shiv Kumar	Beard Cutting	78956498765	05:06	2019-11-20	qwe
sazal	Hair Cutting	8570074019	02:45	2019-11-04	lksjklaskjxasklhxhklasx
sazal	Hair Cutting	8570074019	02:45	2019-11-04	lksjklaskjxasklhxhklasx
WADXWa	Hair Cutting	98545	04:52	0042-09-04	sanmbsbjksa
sazal	Hair Cutting	354658790	04:08	23656-05-06	jhqjkhdlqjh



CHAPTER 6

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- <https://www.javatpoint.com/>
- <https://stackoverflow.com/>
- <https://www.thapatechnical.com/>