HEALTH CARE SYSTEM

A Project Report
Submitted in partial fulfillment of the
Requirements for the award of the Degree of

BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)

By

Jackson Ferrao
TIT2021015

Under the esteemed guidance of
Mrs. K.Sarojini

DEPARTMENT OF INFORMATION TECHNOLOGY
SIES COLLEGE OF ARTS,SCIENCE & COMMERCE(AUTONOMOUS)
SION(W),MUMBAI, 400022
MAHARASHTRA
2020

PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

Rollno**: TIT2021015**

1. Name of the Student –<u>Jackson Ferrao</u>

2. Title of the Project –<u>Health Care System</u>

3. Name of the Guide : <u>K. Sarojini</u>

4. Teaching experience of the Guide <u>- yrs</u>

5. Is this your first submission?   Yes

Signature of the Student   Signature of the Guide

<u>Jackson Ferrao</u>   <u>K. Sarojini</u>

Date: 7th October 2020   Date: 7th October 2020

Signature of the Coordinator

  <u>K. Sarojini</u>

Date: 7th October 2020

SIES COLLEGE OF ARTS,SCIENCE & COMMERCE(AUTONOMOUS)
(Affiliated to University of Mumbai)
SION(W), MUMBAI-400022

DEPARTMENT OF INFORMATION TECHNOLOGY

CERTIFICATE

This is to certify that the project entitled, **"Health Care System "**, is bonafide work of **Jackson Ferrao** bearing Seat.No: **TIT2021015** submitted in partial fulfillment of the requirements for the award of degree of BACHELOR OF SCIENCE in INFORMATION TECHNOLOGY from University of Mumbai.

Internal Guide   **Coordinator**
K. Sarojini   **Sudha B.**

External Examiner

Date: 5th December 2020   **College Seal**

Abstract

Going to gyms and visiting a clinic are considered to be to different things or two opposite ends of a thread. 360FIT brings everything under one roof. Earlier it was difficult for people to do such things like exercising, having a therapy session or anything else. It was also expensive also at the same time. We also have training session for the upcoming trainers, helping them to mark themselves in the fitness industry. From Calisthenics to Ayurveda are also included in the unique category in our bracket of versatility. It is also not that expensive as we have all the basic fees ducted by us itself. We also train aspiring fitness trainers who wish to be part of this fitness revolution. The website also allows people to join our franchise and promoting it. The existing systems were good and useful but, also complex at the same time. Either they were focusing on the body building aspect of fitness or medical fitness of a person. This is not the case with 360 FIT, here we focus on overall health plans of a person.

ACKNOWLEDGEMENT

First of all, we thank my friends for encouraging us to complete the project work successfully.

We express our sincere gratitude to our project guide Mrs. K. Sarojini, SIES College of Arts, Science & Commerce (Autonomous), Sion, for the inspiration and valuable suggestions during the course of project work.

We also thank our friends and family members for their support and encouragement throughout the course of my project.

DECLARATION

I hereby declare that the project entitled, "**Health Care System**" has not been in any case duplicated to submit to any other university for the award of any degree. To the best of my knowledge other than me, no one has submitted to any other university.

The project is done in partial fulfillment of the requirements for the award of degree of **BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)** to be submitted as final semester project as part of our curriculum.

Name and Signature of the Student

Jackson Ferrao

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Chapter 1: Introduction

1.1 Background

360 FIT is fitness website which not only focuses on physical health of a person but also internal health like giving psychiatric, sleep, diet plans, etc.. Since people are avoiding health issues and giving more importance to life success such a website needed a place on the internet. Consumers can directly log-in to the page by paying a specific amount. Once they have done this now they can access as many programs as they want. This program includes gym training, Doctor's consultation, nutritionist's consultation, etc. Customers will have to pay for each functionality they would like to access. Here we are speaking about the customers but, people who use the website for joining 360 FIT as an aspiring fitness trainers are also considered as customers. We also train aspiring fitness trainers who wish to be part of this fitness revolution. The website also allows people to join our franchise and promoting it. The existing systems were good and useful but, also complex at the same time. Either they were focusing on the body building aspect of fitness or medical fitness of a person. This is not the case with 360 FIT, here we focus on overall health plans of a person.

1.2   Objective

- A website that will provide help for all fitness related queries.

- Provides education for fitness trainers.

- Allows people to grow business but, as per the franchise laws.

- To provide online classes for fitness training.

- Doctors available for 24hrs help in case of emergency.

- Also focuses on Ayurveda in order to promote Indian knowledge.

- The foremost feature of the proposed system is giving access the users for online training, consultation, etc.

- Lists the available consultation and therapy programs.

- Ayurveda can also be consulted.

- Fitness trainers are also educated with certification.

- Proper schedule for appoinments

1.3   Purpose, Scope and Applicability

1.3.1   Purpose

This system will guide people towards healthy life style. Since people are ignoring it due to busy co-operate living or hectic schedule. This website has been made in consideration with other popular websites like cure.fit, nitro, etc. But this website has a fusion of them not completely dependent on either of their modules and features.

1.3.2   Scope

It stores all the appointments and schedule of the user. This stored data of schedule will be displayed in the form of table for user and the granted admin .Can not only consult a doctor but, also a ayurvedic expert. Provides an option to join the franchise, to do so the user

will have to fill a form showing his networth. If the networth matches the requirements then they can promote the business of the website under specific laws. There are also online classes conducted via zoom meetings. The zoom links will be displayed in the schedule. Doctors consultation will also be done similarly.

1.3.3 Applicability

The proposed system is willing to mainly target the youth, senior citizens and people who don't have much time to be fit.

Chapter 2: Survey of Technologies

2.1 Front-End

1. **Java**: -

   - Simple: Java is very easy to learn, and its syntax is simple, clean and easy to understand. According to Sun, Java language is a simple programming language

   - Object – oriented: Java is an object-oriented programming language. Everything in Java is an object. Object-oriented means we organize our software as a combination of different types of objects that incorporates both data and behaviour.

   - Platform – Independent: Java is platform independent because it is different from other languages like C, C++, etc. which are compiled into platform specific machines while Java is a write once, run anywhere language. A platform is the hardware or software environment in which a program runs.

   - Architecture – neutral: Java is architecture neutral because there are no implementation dependent features, for example, the size of primitive types is fixed.

   - Dynamic: Java is a dynamic language. It supports dynamic loading of classes. It means classes are loaded on demand. It also supports functions from its native languages, i.e., C and C++.

     .

2. **HTML (Hyper Text Mark Up Language)**: -

   - It is the language which can be easily understood and can be modified.

- Effective presentations can be made with the HTML with the help of its all formatting tags.

- It provides the more flexible way to deign web pages along with the text

- Links can also be added to the web pages so it helps the readers to browse the information of their interest.

- Graphics, videos and sounds can also be added to the web pages which give an extra attractive look to your web pages.

Why we choose Bootstrap?

Bootstrap:

- Easy to use: Anybody with just basic knowledge of HTML and CSS can start using Bootstrap.

- Responsive features: Bootstrap's responsive CSS adjusts to phones, tablets, and desktops.

- Mobile-Friendly: Mobile-first approach: In Bootstrap 3, mobile-first styles are part of the core framework.

- Simple Integration: Bootstrap can be simply integrated along with distinct other platforms and frameworks, on existing sites and new ones too and one more things you can also utilize particular elements of Bootstrap along with your current CSS.

- Customizable Bootstrap: The Bootstrap can be customized as per the designs of your project.

2.2 Back-End/DBMS

1. IIS server:

- A Microsoft product, IIS is a server that offers all the features such as

- Since it's not an open source, adding personal modules as well as modifying becomes a bit difficult.

- It supports all the platforms that run Windows operating system. Additionally, you also get good customer support, if there is any issue.

- This module ensures the security and manageability. Due to this feature you can now use greylisting and access patterns enabling you to smoothly and dynamically manage access for number of sites to the internet and FTP servers.

- Allows you to build more interactive and powerful web applications because of a continuous and bidirectional communication between the web browser and the web server. Web Sockets require Windows Server 2012 or higher versions.

2. **Node.js server**:
   - Node.js is basically a server-side JavaScript environment that is used for network applications such as web servers.

   - It is mainly a cross-platform runtime environment for building network applications.

   - Node.js also helps in understanding the difference in web development stacks.

   - Build scalable real-time applications and infrastructure with Node.js, writing code using familiar JavaScript conventions.

   - Create applications that can handle thousands of users with Node's low-latency, high-volume API. Rapidly build your next big idea with Node's rich ecosystem that grows with you.

Why we choose SQL?

- Can contain SQL Procedural Language statements and features which support the implementation of control-flow logic around traditional static and dynamic SQL statements.

- Support nested functions calls to other SQL functions or functions implemented in other languages.

- Reside in the database and are automatically backed up and restored as part of backup and restore operations.

- Can be invoked wherever expressions in an SQL statement are supported.

- Are easy to implement, because they use a simple high-level, strongly typed language

2.3 Scripting Language

1. **JavaScript**:

- JavaScript is very useful while using forms. It has the capability to validate user input for errors and also saves time. If the user leaves a required field empty or the information is incorrect, JavaScript checks for them before sending the data over to the server.

- Since JavaScript is a client-side technology, it can perform basic calculations on the browser. The browser does not need to ask server time for every task. This is especially helpful when a user needs to perform these calculations repeatedly.

- JavaScript provides greater control to the browser rather than being completely dependent on the web servers. JavaScript provides various browsers with additional functionalities that help reduce server load and network traffic.

- Unlike other programming languages, JavaScript has built-in functions to determine the date and time.

- JavaScript has very handy features to dynamically generate HTML content for the web. It allows us to add text, links, images, tables, etc after an event occurrence.

2. VBscript :

- VBScript is a lightweight scripting language, which has a lightning fast interpreter.

- VBScript, for the most part, is case insensitive. It has a very simple syntax, easy to learn and to implement.

- Unlike C++ or Java, VBScript is an object-based scripting language and NOT an Object-Oriented Programming language.

- It uses Component Object Model (COM) in order to access the elements of the environment in which it is executing.

- Successful execution of VBScript can happen only if it is executed in Host Environment such as Internet Explorer (IE), Internet Information Services (IIS) and Windows Scripting Host (WSH).

2.4 Software and Broad Areas of Application

Table 2.1 : Software and Broad Areas of Application

FRONT-END / GUI Tools	Bootstrap
DBMS/BACK-END	Php, SQL
SCRIPTING LANGUAGES	JavaScript

Chapter 3: Requirement and Analysis

3.1 Problem Definition:-

- False Results:

   If you search terms like "nausea," "fatigue," "abdominal pain," and "sore joints," you'll find a wide variety of possible diagnoses, from minor issues to life threatening conditions. When you use an online symptom checker, you might struggle ruling out these differential diagnoses —leading to increased stress, fear, and anxiety. Unfortunately, there is a well-recognized connection between anxiety and pain. Your increased anxiety might worsen your pain and other symptoms. This is due to lack of specialised doctors or lack of research done by other websites.

- **Expensive:**
   They charge a lot of money. There is not subscription as such which makes it much more cost much more high. Users have to pay money for each consultation's check up separately. Healthcare costs of these websites have been rising for past few years and are expected to keep increasing.

- **Lengthy Process:**
   The process of administering the symptoms is a lengthy one. It can take several weeks to complete the cycle by evaluating the results, then collecting and analyzing the them, to sharing reports and acting on the results obtained. As doctors do not receive results quickly, valuable time is lost in responding to patient concerned and implementing possible changes.

- **Limited Flexibility:**

The use of data generated after the consultation i.e. results aren't very flexible and needs to be acted on. This can take a lot of time and is often regarded as needless, neglecting the fact that it can provide some important statistic.

3.2 Requirement Specification:

4   Secure login:

There should be a strong authentication and verification of the data entered in every field of the login form. There should not be any chance for the intruder to access the database by using SQL Injection in login form or some other technique. SQL injection is a code injection technique that might destroy your database. SQL injection is one of the most common web hacking techniques.

5   Web Design:

Several factors such as consistency, colours, typography, imagery, simplicity and functionality all contribute to good website design. When designing a website there are many key factors that will contribute to how it is perceived. A well designed website can help build trust and guide visitors to take action.

6   Dynamic:

Users need not use any other application because it has all the required features. The system which is to be developed should be easy access to anyone who has basic knowledge of using a computer.

3.3 Planning & Scheduling:

PERT Chart:

A PERT chart is a <u>project management</u> tool that provides a graphical   representation of a project's timeline. The Program Evaluation Review Technique (PERT) breaks down the individual tasks of a project for analysis. PERT charts are considered preferable to <u>Gantt charts</u> because they identify task dependencies.

PERT charts help project managers get a handle on   complex projects. They're useful because they provide an estimation of how much time you'll need to <u>schedule the project</u> and what resources will be required. The nature of the PERT chart and its breakdown structure

helps to visualize the complexity of a project and the dependencies between each step in the process.

 PERT Diagram could be represented in two ways:

1) Activity on Arrow

2) Activity on Node

In Activity on Arrow, the arrows represent activity whereas in Activity on Node, the nodes represent activities. In the project, Activity on Node is used to draw the PERT Diagram. Here we are going to show 2 charts: one showing the schedule of the documentation (A) and the other shows the schedule of the project starting with planning to the actual implementation (B).

(A): PERT Diagram for Documentation

Synopsis – A
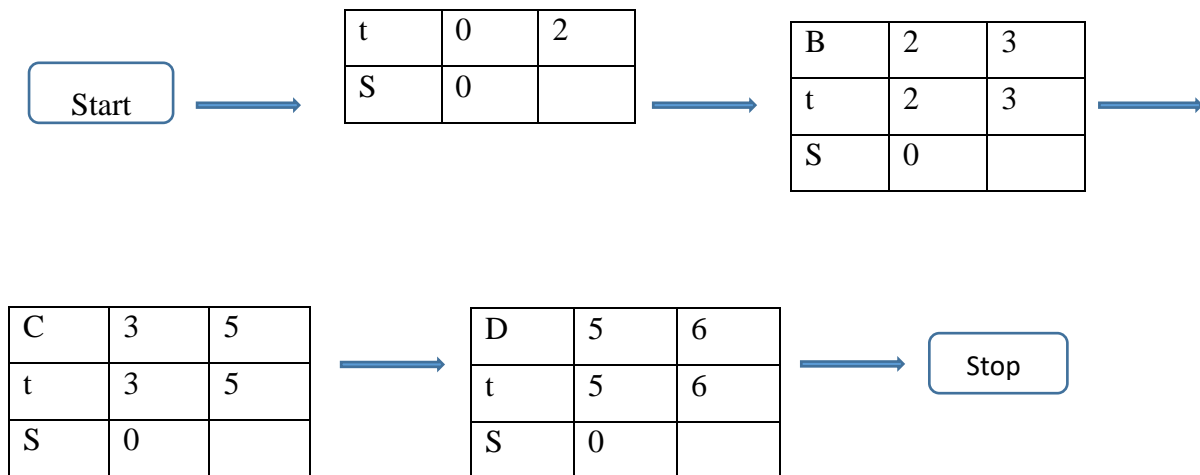
Chapter 1 – B

Chapter 2 – C

Chapter 3 – D

Table 3.1 : Pert Chart (Documentation)

Activity	Precedence	Duration
A	-	2 Weeks
B	A	1 Week
C	B	2 Weeks
D	C	1 Week

Project Network:

Start ⟶ A ⟶ B ⟶ C ⟶ D ⟶ Stop

A	0	2

t	0	2
S	0	

B	2	3
t	2	3
S	0	

Start ⟶

⟶

C	3	5
t	3	5
S	0	

D	5	6
t	5	6
S	0	

⟶ Stop

Slack = 0 for all activities

Therefore, critical path = A-B-C-D

The Project Documentation completion duration is 6weeks.

(B): PERT Diagram for Project

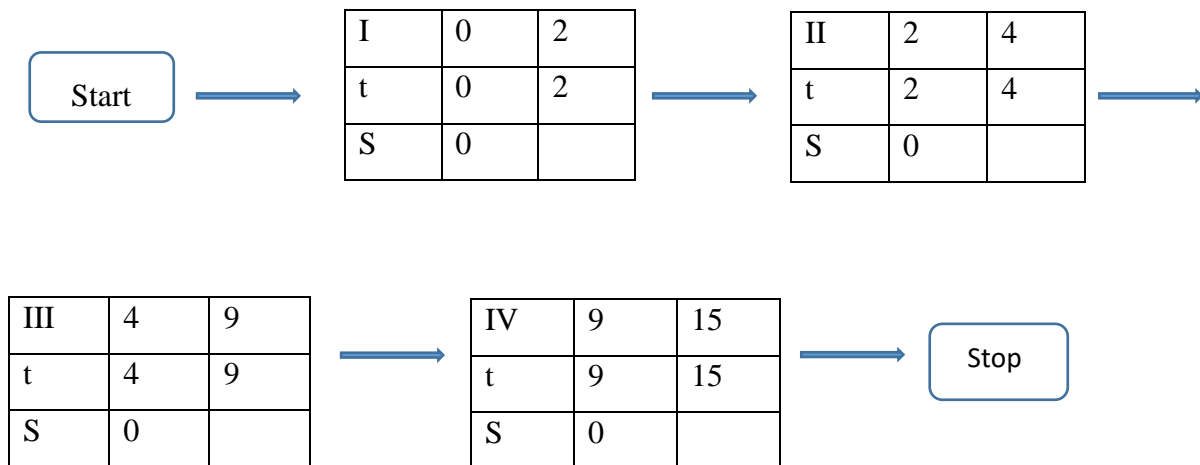Planning – I

Requirements – II

Designing – III

Documentation – IV

Table 3.2 : Pert Chart (Project)

Activity	Precedence	Duration
I	-	2 Weeks
II	I	2 Week
III	II	5 Weeks
IV	III	6 Weeks

Project Network:

Start ———→ I ———→ II ———→ III ———→ IV ———→ Stop

| Start |

I	0	2
t	0	2
S	0	

II	2	4
t	2	4
S	0	

III	4	9
t	4	9
S	0	

IV	9	15
t	9	15
S	0	

| Stop |

Slack = 0 for all activities

Therefore, critical path = I-II-III-IV

The Project completion duration is 15weeks.

Gantt Chart :

A Gantt chart, commonly used in project management, is one of the most popular and useful ways of showing activities (tasks or events) displayed against time. On the left of the chart is a list of the activities and along the top is a suitable time scale. Each activity is represented by a bar; the position and length of the bar reflects the start date, duration and end date of the activity. Below Gantt chart shows us the schedule of the project. It is a diagram representing the time taken for each task and can be easily prepared using Microsoft Word and Excel as well as some online applications. These types of charts help in the scheduling of the project after proper planning of the project is done. This scheduling helps to find out the estimated and the actual time period of each stage of the project. Here we are going to see 2 Gantt charts: one showing the schedule of the documentation (A) and the other shows the schedule of the project starting with planning to the actual implementation (B).
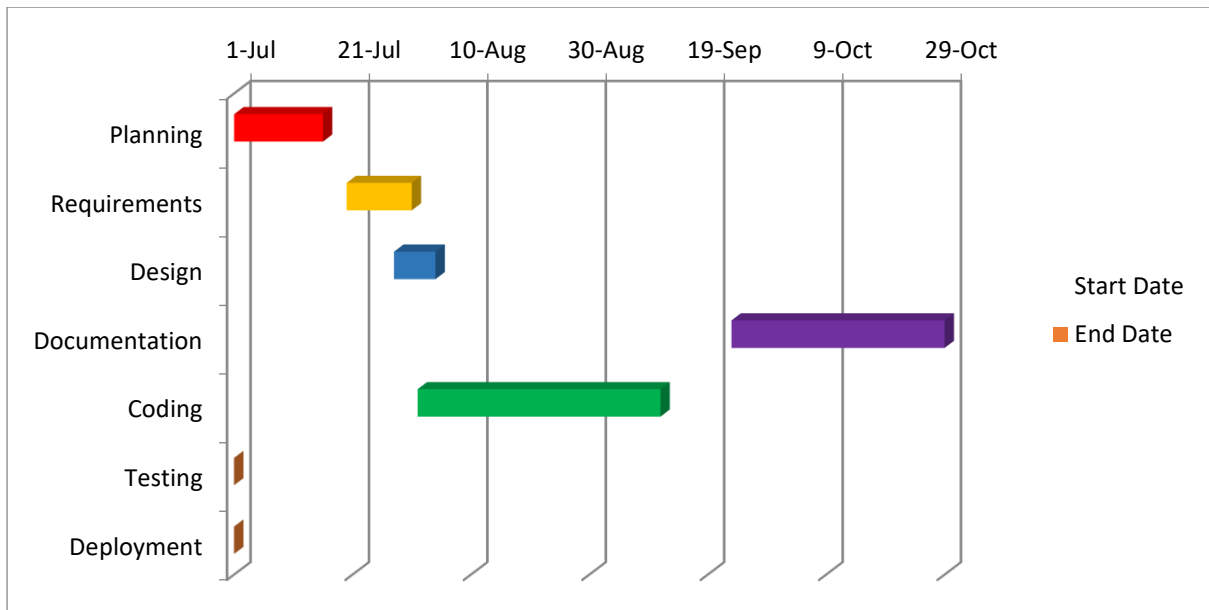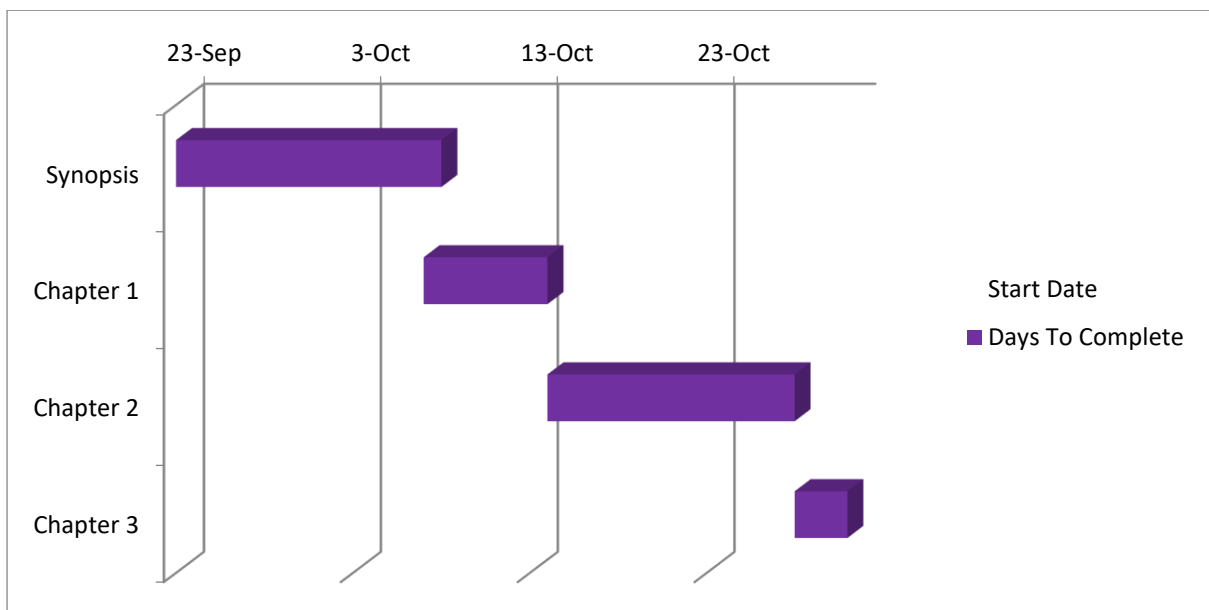
Figure 3.1 Gantt Chart (Project)

Figure 3.2 Gantt Chart (Documentation)

3.4 Software and Hardware Technologies:

Software Requirements:

- Windows Operating System
- Visual Studio Code
- Bootstrap toolkit library
- Web browser
- Apache web server Software
- MYSQL

Hardware Requirements:

- Laptop/PC
- LAN

3.5 Conceptual Models
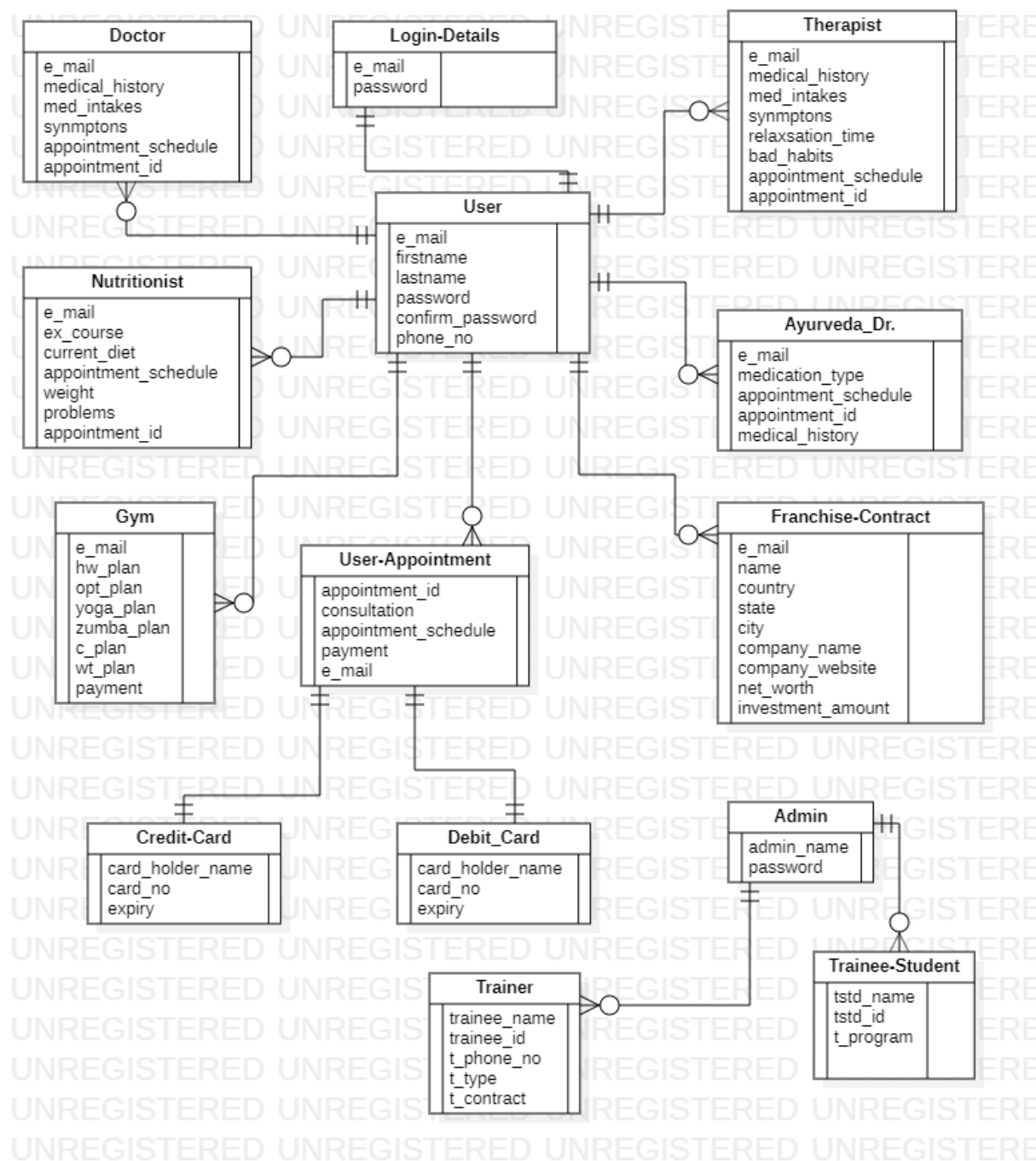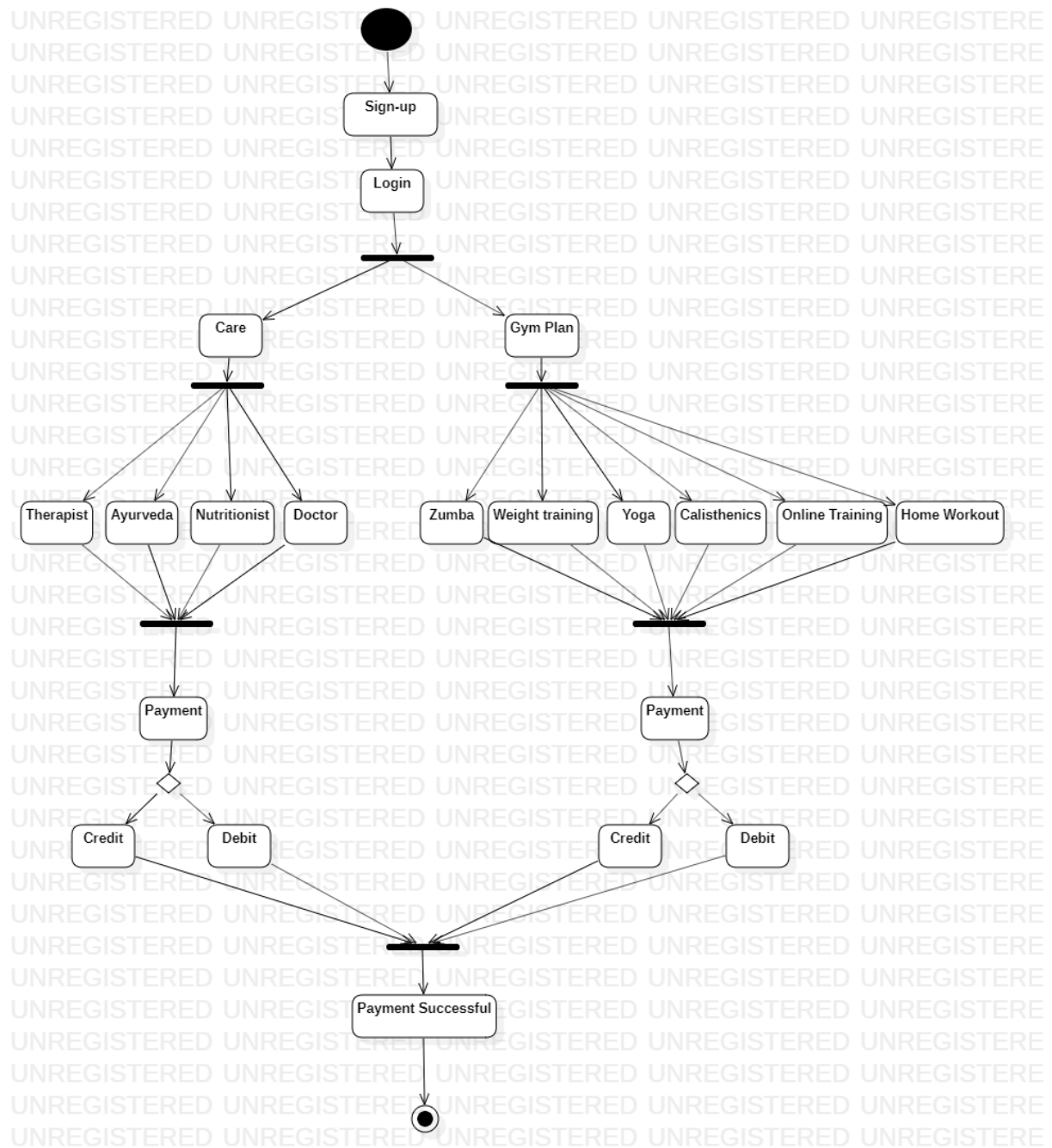
ER Diagram:

Figure 3.3 : ER Diagram

Activity Diagram:
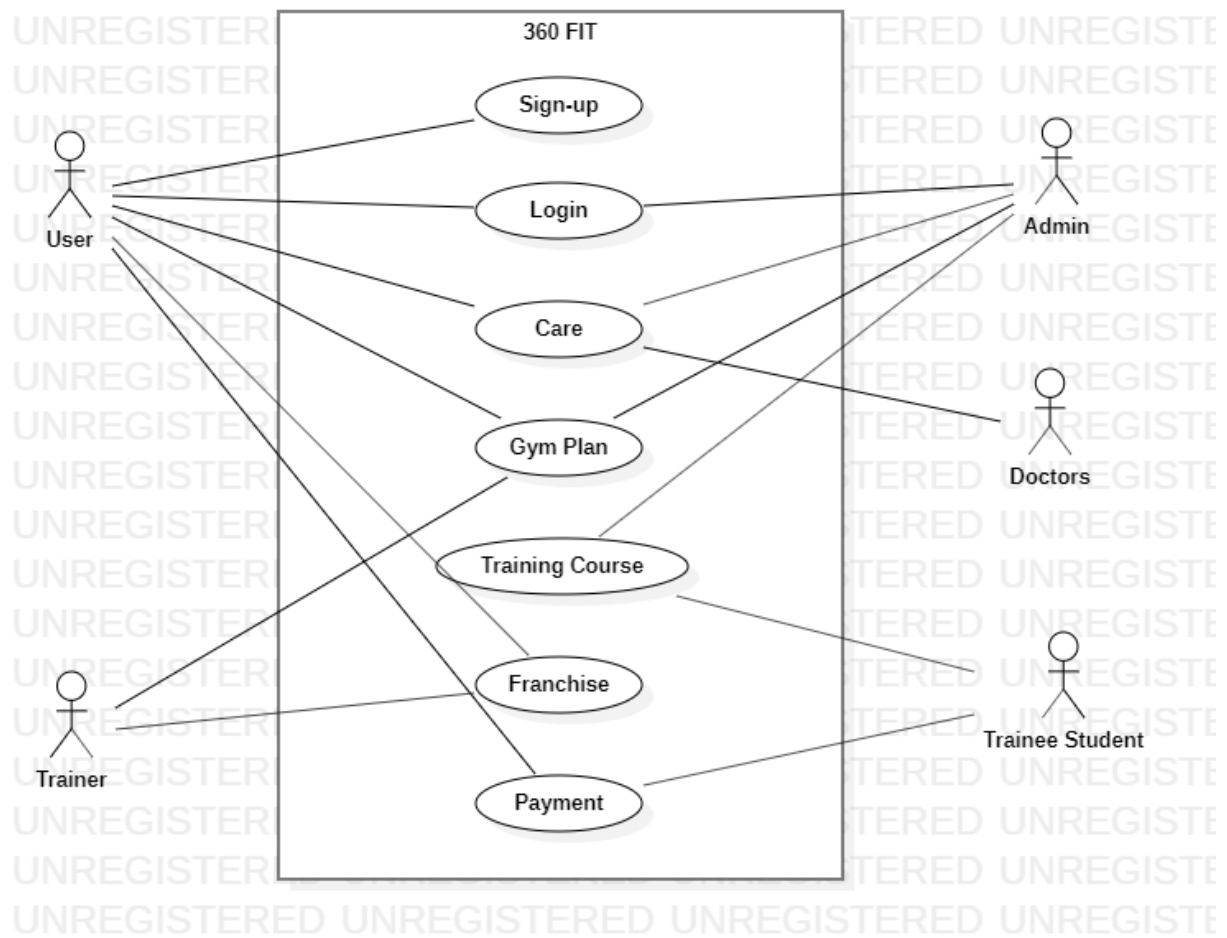

Figure 3.4 : Activity Diagram

Use Case Diagram:

Figure 3.5 : Use Case Diagram

Chapter 4: System Design

4.1 Basic Modules:

- Home
- Care
- Gym Plan
- About
- Franchise
- Contact Us
- Login
- Sign-up
- News
- Training

4.2 Data Design:

Admin Table:

Column Name	Data Type	Key	Allow Null
Admin_name	Varchar(100)	PK	No
Password	Varchar(100)	-	No

User Table:

Column Name	Data Type	Key	Allow Null
e_mail	Varchar(100)	PK	No
firstname	Varchar(100)	-	No
lastname	Varchar(100)	-	No
password	Varchar(100)	-	No
confirm_password	Varchar(100)	-	No
phone_no	Int	-	No

Login Table:

Column Name	Data Type	Key	Allow Null
e_mail	Varchar(100)	FK	No
password	Varchar(100)	-	No

Doctor Table:

Column Name	Data Type	Key	Allow Null
e_mail	Varchar(100)	FK	No
medical_history	Varchar(100)	-	No
med_intake	Varchar(100)	-	No
synmptoms	Varchar(100)	-	No
appointment_schedule	Varchar(100)	-	No
appoinement_id	Int	PK	No

TherapistTable:

Column Name	Data Type	Key	Allow Null
e_mail	Varchar(100)	FK	No
medical_history	Varchar(100)	-	No
med_intakes	Varchar(100)	-	No
synmptons	Varchar(100)	-	No
relaxation_time	Varchar(100)	-	No
bad_habits	Varchar(100)	-	No

appointment_schedule	Varchar(100)	-	No
appointment_id	Varchar(100)	PK	No

Ayurved_Dr Table:

Column Name	Data Type	Key	Allow Null
e_mail	Varchar(100)	FK	No
medication_type	Varchar(100)	-	No
appointment_schedule	Varchar(100)	-	No
appointment_id	Varchar(100)	PK	No
medical_history	Varchar(100)	-	No

Nutritionist Table:

Column Name	Data Type	Key	Allow Null
e_mail	Varchar(100)	FK	No
ex_course	Varchar(100)	-	No
current_diet	Varchar(100)	-	No
appointment_schedule	Varchar(100)	-	No
weight	Int	-	No
problems	Varchar(100)	-	No
appointment_id	Varchar(100)	PK	No

User Appointment Table:

Column Name	Data Type	Key	Allow Null
appointment_id	Varchar(100)	PK	No
consultation	Varchar(100)	-	No
appointment_schedule	Varchar(100)	-	No
payment	Varchar(100)	-	No
e_mail	Varchar(100)	FK	No

Gym Table:

Column Name	Data Type	Key	Allow Null
e_mail	Varchar(100)	FK	Yes
hw_plan	Varchar(100)	-	Yes
opt_plan	Varchar(100)	-	Yes
yoga_plan	Varchar(100)	-	Yes
zumba_plan	Varchar(100)	-	Yes
c_plan	Varchar(100)	-	Yes
wt_plan	Varchar(100)	-	Yes
payment	Varchar(100)	-	No

Franchise Table:

Column Name	Data Type	Key	Allow Null
e_mail	Varchar(100)	FK	No
name	Varchar(100)	-	No
country	Varchar(100)	-	No
state	Varchar(100)	-	No
city	Varchar(100)	-	No
company_name	Varchar(100)	-	Yes
company_website	Varchar(100)	-	Yes
networth	Varchar(100)	-	No
investment_amount	Varchar(100)	-	No

Debit card:

Column Name	Data Type	Key	Allow Null
card_holder_name	Varchar(100)	-	No

card_no	Varchar(100)	PK	No
expiry	Varchar(100)	-	No

Credit card:

Column Name	Data Type	Key	Allow Null
card_holder_name	Varchar(100)	-	No
card_no	Varchar(100)	PK	No
expiry	Varchar(100)	-	No

Trainer:

Column Name	Data Type	Key	Allow Null
trainer_name	Varchar(100)	-	No
trainer_id	Varchar(100)	PK	No
t_phone_no	Varchar(100)	-	No
t_type	Varchar(100)	-	No
t_contract	Varchar(100)	-	No

Trainee Student:

Column Name	Data Type	Key	Allow Null
tstd_name	Varchar(100)	-	No
tstd_id	Varchar(100)	PK	No
t_program	Varchar(100)	-	No

4.3   User Interface Design:
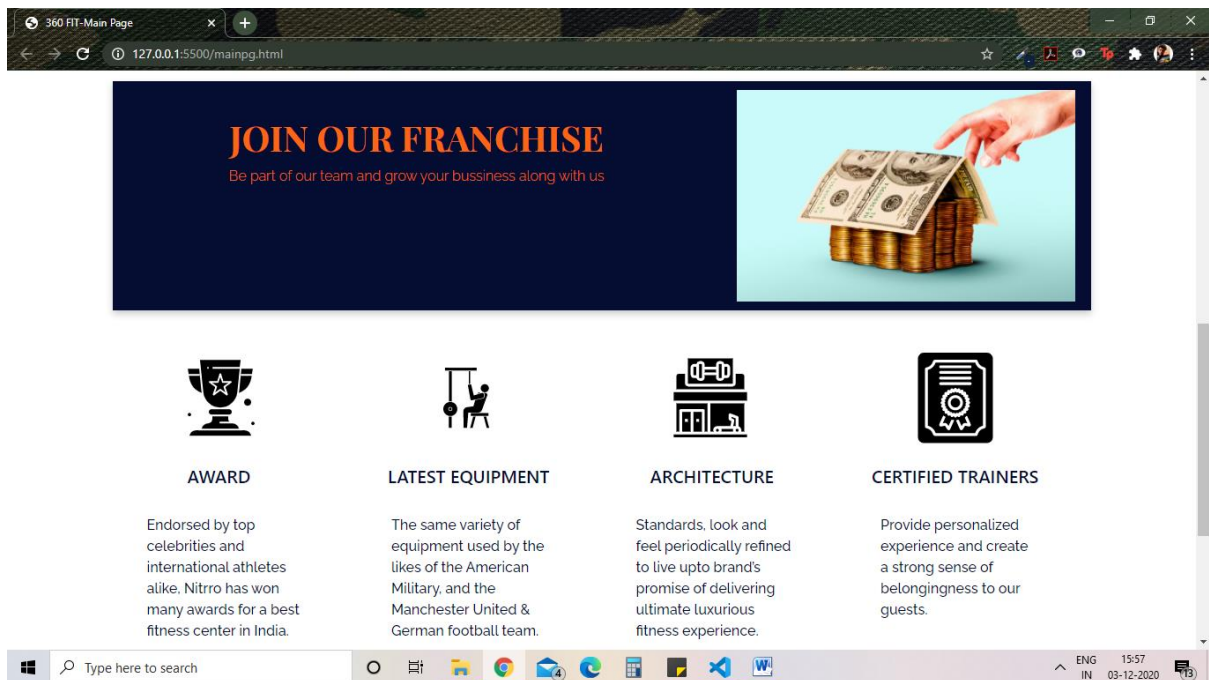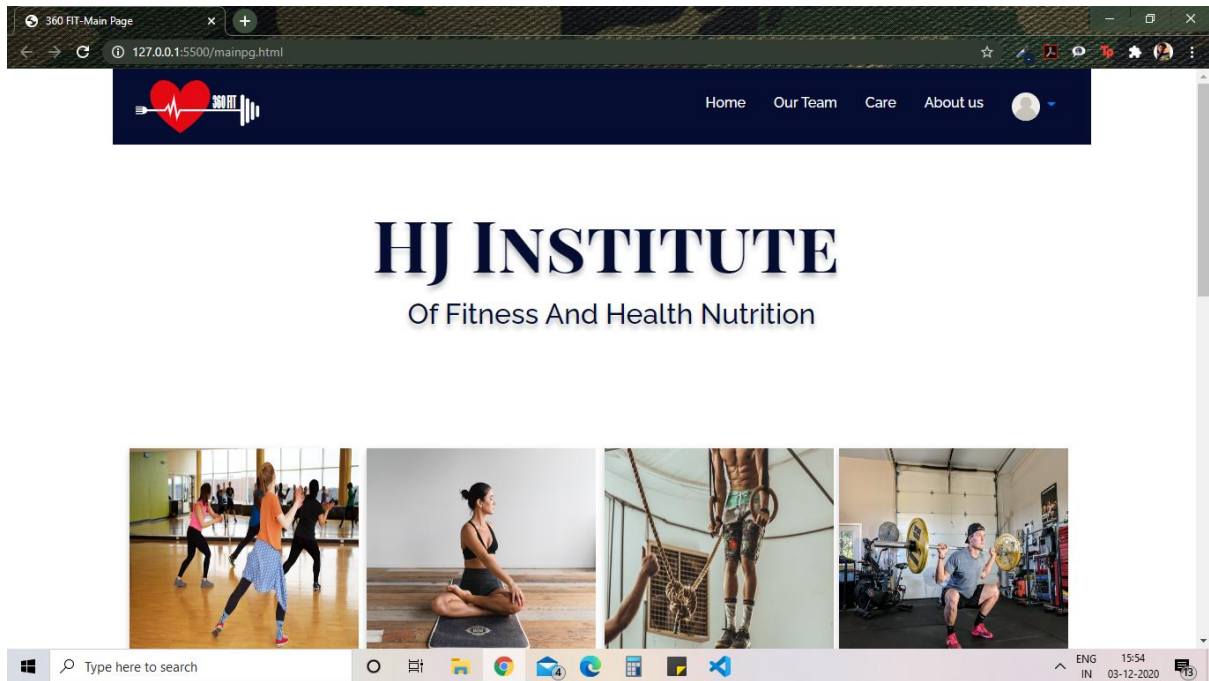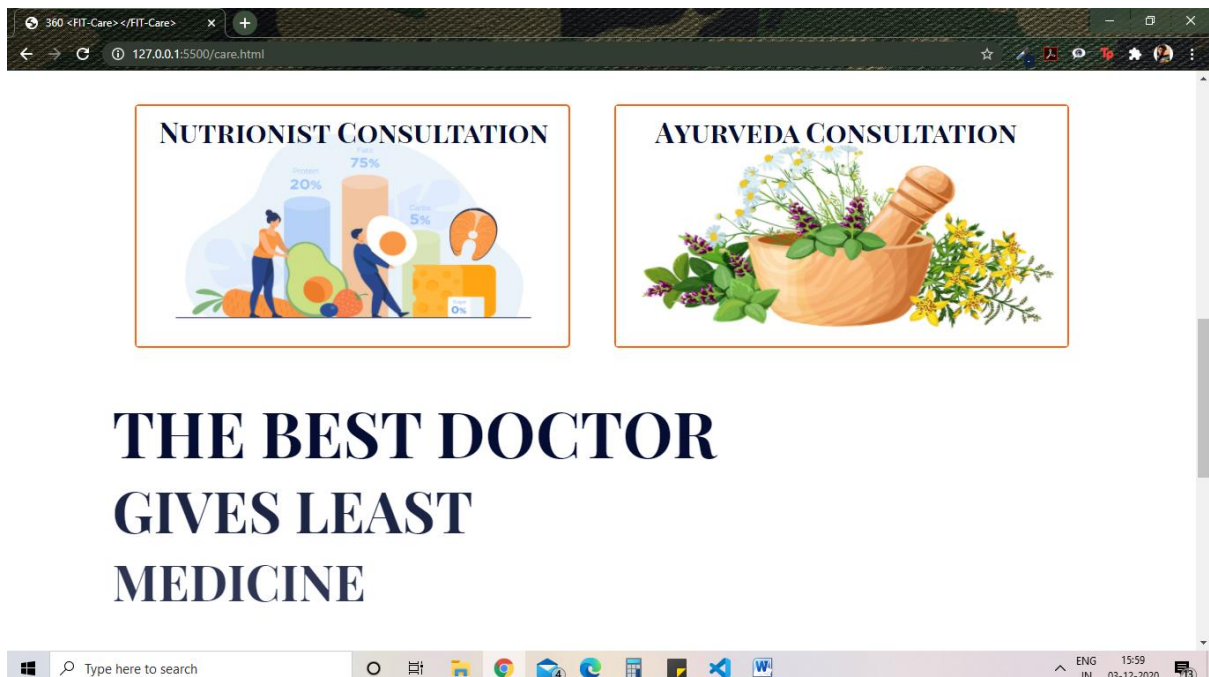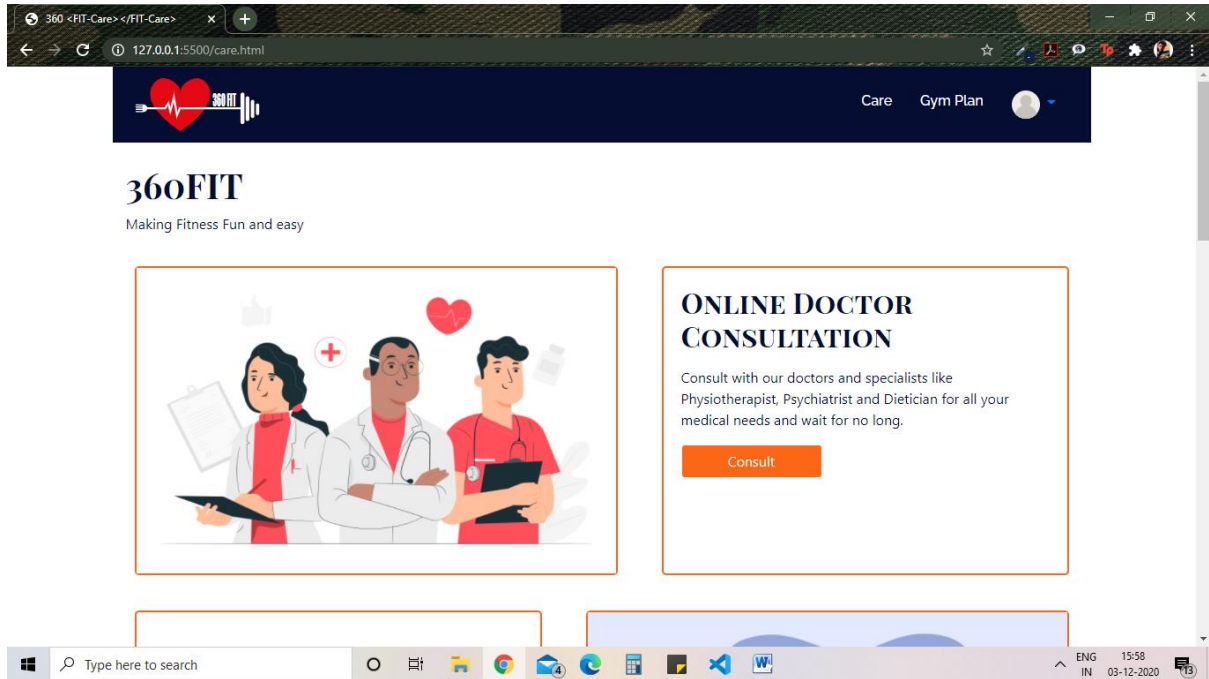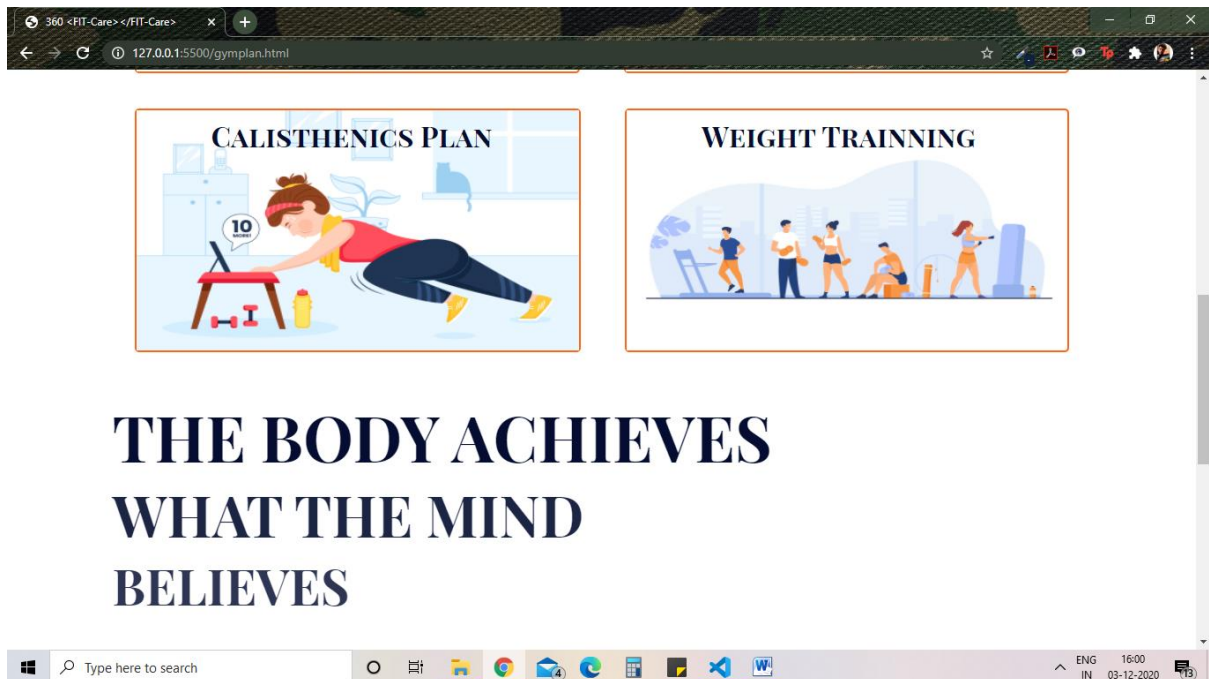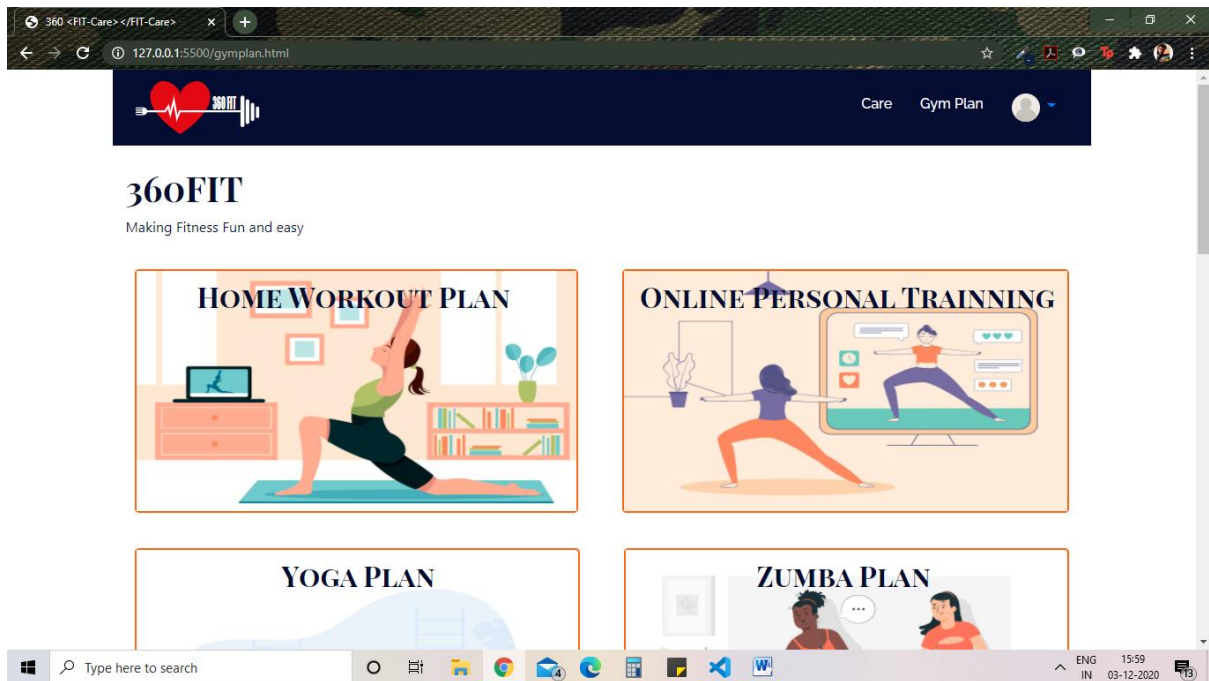
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[1] https://stackoverflow.com/

[2] https://www.w3schools.com/

[3] https://dribbble.com/

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SIES COLLEGE OF ARTS,SCIENCE & COMMERCE(AUTONOMOUS)
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DEPARTMENT OF INFORMATION TECHNOLOGY

<u>CERTIFICATE</u>

This is to certify that the project entitled, **"Health Care System"**, is bonafide work of **Jackson Ferrao** bearing Seat.No: **TIT2021015** submitted in partial fulfillment of the requirements for the award of degree of BACHELOR OF SCIENCE in INFORMATION TECHNOLOGY from University of Mumbai.

Internal Guide   **Coordinator**
K. Sarojini   **Sudha B.**

External Examiner

Date: 20th April 2021   **College Seal**

Table of Contents

Changes made under Chapter 1, 2, 3 4

Activity Diagram

ERD :

Use Case Diagram:

Chapter 5 Implementation and Testing

5.1 Implementation Approaches

While building the website two approaches were taken into consideration, one the user's approach and the other one is the admins approach. Both the views are equally important as they are dependent on each other for confirmation, payment and other purposes.

A normal user can schedule his gym plan, consult a doctor, get trained to become a trainer and also shop products. There are many forms in the website through which the admin comes to know the user's needs and sends him confirmation of details received or sends him a link.

The admin can have a look at all the activities going through the whole website. Admin is the one responsible for getting in touch with the users. Doctors and trainers are also admins but they can only check for their work in the admin section.

5.2 Coding Details and Code Efficiency

Sign-up From :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0, shrink-to-fit=no">
    <title>Sign_up 360 FIT Accounts</title>

    <!-- PHP CODE -->
    <?php
     include 'database.php';

    if(isset($_POST['register']))
    {
        $fname=$_POST['fname'];
        $lname=$_POST['lname'];
        $email=$_POST['email'];
        $password=$_POST['password'];
        $password2=$_POST['password2'];
        $phoneno=$_POST['phoneno'];
        $address = $_POST['address'];

        $fname_error = null;
        $lname_error = null;
        $email_error = null;
        $password_error = null;
```

```php
        $phoneno_error = null;
        $file_error = null;


        // VALIDATION
        if (!preg_match("/^[a-zA-Z]+$/",$fname))
        {
          $fname_error = "Firstname should only contain alphabets and space";
        }

        if (!preg_match("/^[a-zA-Z]+$/",$lname))
        {
          $lname_error = "Lastname should only contain alphabets and space";
        }

        if(strlen($phoneno) < 10)
        {
          $phoneno_error = "Phone number must contain atleast 10 digits";
        }
        if (!preg_match('/^[0-9]*$/', $phoneno))
        {
          $phoneno_error = "Phone Number must only contain numbers";
        }

        if(!filter_var($email,FILTER_VALIDATE_EMAIL))
        {
          $email_error = "Please Enter a Valid Email ID";
        }

        if(strlen($password) < 8)
        {
          $password_error = "Password must contain atleast 8 characters";
        }
        if($password != $password2)
        {
          $cpassword_error = "Password does not match";
        }


        $fileName = basename($_FILES["img"]["name"]);

    $targetFilePath = "upload/" . $fileName;

    $fileType = pathinfo($targetFilePath,PATHINFO_EXTENSION);

    if($fileType != "jpg" && $fileType != "png" && $fileType != "jpeg" && $fileType != "gif")
        {
```

```php
                $file_error ="Sorry, only JPG, JPEG, PNG & GIF files are allowed."
;
            }
        else
          {
            move_uploaded_file($_FILES["img"]["tmp_name"], $targetFilePath);
          }

        $img = $targetFilePath;

        $conn = mysqli_connect('localhost','root','','360_fit') or die('Unable
 to connect');
        $valid = mysqli_query($conn,"SELECT * FROM ssign_up WHERE email='$emai
l' or phoneno='$phoneno'");

        if(mysqli_num_rows($valid) > 0)
        {
          $row = mysqli_fetch_assoc($valid);
          if($email == $row['email'])
          {
            $email_error = "Email ID already exists";
          }
          elseif($phoneno == $row['phoneno'])
          {
            $phoneno_error = "Phone number already exists";
          }
        }
        else if($fname_error == null)
        {
          if ($lname_error == null)
          {
            if ($email_error == null)
            {
              if ($password_error == null)
              {
                if ($phoneno_error == null)
                {
                  if ($file_error == null)
                  {
                    register($fname,$lname,$email,$password,$phoneno,$img,$add
ress);
                    //  echo $fname,$lname,$email,$password,$phoneno,$img;
                  }
                }
              }
            }
          }
        }
```

```
    }
    ?>
```

```html
     <!-- our css -->
     <link rel="stylesheet" href="stylef.css">

    <!-- css bootstrap -->
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/
4.5.2/css/bootstrap.min.css"
integrity="sha384-
JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+VmmDGMN5t9UJ0Z" crossorigin=
"anonymous">


</head>
<body>

  <div class="container contact-form" style="width: 40em; min-
height: 20em;margin-left: 19em;" >
    <div class="contact-image " >
        <a href="index.php"><img src="images/360_fit.svg" alt="gym_logo"/></a>
    </div>
     <form action="" method="post" enctype="multipart/form-data">


        <div class="row">
            <div class="col-md-6">
                <div class="form-group ml-1">
                    <input type="text" name="fname" class="form-
control" placeholder="First Name *" value="" required />
                    <span class="text-
danger" > <?php if(isset($fname_error)) echo $fname_error; ?> </span>
                </div>
                <div class="form-group ml-1" style="width: 27em;" >
                    <input type="email" name="email" class="form-
control" placeholder="Your Email *" value="" required />
                    <span class="text-
danger" > <?php if(isset($email_error)) echo $email_error; ?> </span>
                    <p class="msg ml-
2 " >you can use letters,numbers and periods</p>
                </div>

                <div class="form-group ml-1">
                    <input type="text" name="password" class="form-
control" style="width: 27em;"placeholder="Password *" value="" required />
                    <span class="text-
danger" > <?php if(isset($password_error)) echo $password_error; ?> </span>
                    <p class="msg ml-2 " >use 8 or more characters</p>
                </div>
```

```html
                <div class="form-group ml-1"  >
                    <input type="text" name="password2" class="form-
control" style="width: 27em;"placeholder="Confirm Password *" value="" require
d />
                    <span class="text-
danger" > <?php if(isset($cpassword_error)) echo $cpassword_error; ?> </span>
                </div>

                <div class="input-group mb-3">
                    <div class="custom-file">
                        <input   type="file" name="img" class="custom-file-
input" id="inputGroupFile02">
                        <label style= "width:27em; border-
radius:1em;" class="custom-file-label ml-
1" for="inputGroupFile02">Choose file</label>
                    </div>
                    <span class="text-
danger"><?php if (isset($file_error)) echo $file_error; ?></span>
                </div>

                <div class="form-group ml-1" >
                    <input type="text" name="phoneno" class="form-
control"  style="width: 27em;"placeholder="Your Phone Number *" value="" requi
red />
                    <span class="text-
danger" > <?php if(isset($phoneno_error)) echo $phoneno_error; ?> </span>
                </div>
                    <div class="form-group">
                        <textarea  name="address" style="width: 27em;" class
="form-control"  placeholder="Address *" value="" required></textarea>
                    </div>
                    <div class="form-group">
                        <a href="#"><input type="submit" name="register" class="
btnContact"  style="width: 27em;" value="Sign-up" /></a>
                    </div>
                </div>
                <div class="col">
                    <div class="form-group">
                        <input type="text" name="lname" class="form-
control"  placeholder="Last Name *" value="" required />
                        <span class="text-
danger" > <?php if(isset($lname_error)) echo $lname_error; ?> </span>
                    </div>
                </div>

                <div class="form-group">
                    <p style="margin-left:13em;" >OR</p>
                    <p style="margin-left: 8.5em;" >Already have an Account?</p>
```

```
                    <a style="margin-
left: 12.5em;color:#FC6717;"href="login.php">Login</a>
            </div>

        </div>
    </form>
  </div>

    <!-- javascript bootstrap -->
  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
  integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
  crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min
.js"
  integrity="sha384-
9/reFTGAW83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
  crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.m
in.js"
  integrity="sha384-
B4gt1jrGC7Jh4AgTPSdUtOBvfO8shuf57BaghqFfPlYxofvL8/KUEfYiJOMMV+rV"
  crossorigin="anonymous"></script>
</body>
</html>
```

5.2.1 Code Efficiency

Cocomo (Constructive Cost Model) is a regression model based on LOC, i.e. **number of Lines of Code**. It is a procedural cost estimate model for software projects and often used as a process of reliably predicting the various parameters associated with making a project such as size, effort, cost, time and quality. It was proposed by Barry Boehm in 1970 and is based on the study of 63 projects, which make it one of the best-documented models.

Different models of Cocomo have been proposed to predict the cost estimation at different levels, based on the amount of accuracy and correctness required. All of these models can be applied to a variety of projects, whose characteristics determine the value of constant to be used in subsequent calculations.

- Organic
- Semi detached
- Embedded

• Mode	"A" variable	"B" variable	"C" variable	"D" variable	KLOC
Semi-Detached	3	1.12	2.5	0.35	7.8
Effort (person-months)	**Duration (months)**		**Staffing**		
29.941	8.215		3.644		

Table 5.1 COCOMO Model

5.3 Testing Approach

5.3.1 Unit Testing

Unit Testing is a type of software testing where individual units or components of a software are tested. The purpose is to validate that each unit of the software code performs as expected. Unit Testing is done during the development (coding phase) of an application by the developers. Unit Tests isolate a section of code and verify its correctness. A unit may be an individual function, method, procedure, module, or object.

In SDLC, STLC, V Model, Unit testing is first level of testing done before integration testing. Unit testing is a WhiteBox testing technique that is usually performed by the developer. Though, in a practical world due to time crunch or reluctance of developers to tests, QA engineers also do unit testing.

Unit Testing is important because software developers sometimes try saving time doing minimal unit testing and this is myth because inappropriate unit testing leads to high cost Defect fixing during System Testing, Integration Testing and even Beta Testing after application is built. If proper unit testing is done in early development, then it saves time and money in the end.

Payment Module :

```php
<?php

session_start();

$ch = curl_init();

curl_setopt($ch, CURLOPT_URL, 'https://test.instamojo.com/api/1.1/payment-requests/');
curl_setopt($ch, CURLOPT_HEADER, FALSE);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);
curl_setopt($ch, CURLOPT_FOLLOWLOCATION, TRUE);
curl_setopt($ch, CURLOPT_HTTPHEADER,
    array("X-Api-Key:test_df7c4aaa6178a319ad3edc0abea",
        "X-Auth-Token:test_8d0538039a5998028bd60d8286a"));
```

```php
$payload = Array(
    'purpose' => $_SESSION['p_page'],
    'amount' => $_SESSION['p_amount'],
    'phone' => $_SESSION['p_phone'],
    'buyer_name' => $_SESSION['p_name'],
    'redirect_url' => 'http://127.0.0.1/360_fit/redirect.php',
    'send_email' => true,
    'webhook' => 'http://www.example.com/webhook/',
    'send_sms' => true,
    'email' => $_SESSION['p_email'],
    'allow_repeated_payments' => false
);
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($payload));
$response = curl_exec($ch);
curl_close($ch);
$response=json_decode($response);

$_SESSION['TID']=$response->payment_request->id;
$pay_id = $response->payment_request->id;
$conn = mysqli_connect('localhost','root','','360_fit') or die('unable to conn
ect');
$id=$_SESSION['s_id'];
$db = $_SESSION['p_page'];
$email=$_SESSION["email"];

$result1 = mysqli_query($conn,"INSERT INTO `payment_log`(`email`,`page`,`pay_i
d`) VALUES ('$email','$db','$pay_id')");

    $result = mysqli_query($conn, "UPDATE `$db` SET `pay_id`= '$pay_id' WHERE
id = '$id'");
    if ($result) {
        header('location:' . $response->payment_request->longurl);
        die();
    } else {
        header('location:dr_online_form.php');
        die();
    }
die();
?>
```

Here we have done unit testing on the Payment Module.

Now, we will start performing the unit testing on the different components such as

1. Card Number text field
2. Expiry Date text field
3. CVV text field
4. Pay button

For the Card Number text field component :

Name	Description
4242 4242 4242 4242	Accept
Any other number	Error Message – Invalid
Blank	Error Message – Required

For the Expiry Date text field component :

Name	Description
Anything Date > Today's Date	Accept
Any Date < Today's Date	Error Message – Invalid
Wrong Date format	Error Message – Invalid
Blank	Error Message – Required

For the CVV text field component :

Name	Description
111	Accept
Any other number	Error Message – Invalid
Blank	Error Message – Required

For the Login button component :

- Enter valid Card Number
- Enter valid Expiry Date
- Enter valid CVV
- Click on the Pay button→ Payment Successful Mail Received

5.3.2 Integrated Testing

Integration Testing is defined as a type of testing where software modules are integrated logically and tested as a group. A typical software project consists of multiple software modules, coded by different programmers. The purpose of this level of testing is to expose defects in the interaction between these software modules when they are integrated. Integration Testing focuses on checking data communication amongst these modules. Hence it is also termed as ' I & T ' (Integration and Testing), ' String Testing ' and sometimes 'Thread Testing '.

A Module, in general, is designed by an individual software developer whose understanding and programming logic may differ from other programmers. Integration Testing becomes necessary to verify the software modules work in unity

At the time of module development, there are wide chances of change in requirements by the clients. These new requirements may not be unit tested and hence system integration Testing becomes necessary

1. Signup Test Scenario :-

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Enter valid First name, Last name, Email, password, confirm password, Choose Image, Phone Number and Address	1.Enter First Name 2.Enter Last Name 3. Enter Your Email 4.Enter Password 5.Enter Confirm Passw	First Name: Harry Last Name: Potter Your Email: harrypotter@gmail.com Password:1234567890 Confirm Password: 1234567890 Choose File: profile.jpg Your Phone Number:	Redirect to Login Page	Redirected to Login Page	Pass

		ord	7485627383			
		6.Choose File	Address: Mumbai 400604.			
		7.Enter Phone Number				
		8.Enter Address				
2	Leave First name blank, Last name, Email, password, confirm password, Choose Image, Phone Number and Address	1.Leave First Name Blank	First Name:_____	Popup: Please fill out this field	Popup: Please fill out this field	Pass
			Last Name: Potter			
		2.Enter Last Name	Your Email: harrypotter@gmail.com			
		3. Enter Your Email	Password:1234567890			
		4.Enter Password	Confirm Password: 1234567890			
		5.Enter Confirm Password	Choose File: profile.jpg			
			Your Phone Number: 7485627383			
		6.Choose File	Address: Mumbai 400604.			
		7.Enter				

		Phone Number				
		8.Enter Address				
3	Leave Last Name Blank and Enter valid First name, Email, password, confirm password, Choose Image, Phone Number and Address	1.Enter First Name 2.Leave Last Name Blank 3. Enter Your Email 4.Enter Password 5.Enter Confirm Password 6.Choose File 7.Enter Phone Number 8.Enter Address 1.En	First Name: Harry Last Name: _____ Your Email: harrypotter@gmail.com Password:1234567890 Confirm Password: 1234567890 Choose File: profile.jpg Your Phone Number: 7485627383 Address: Mumbai 400604.	Popup: Please fill out this field	Popup: Please fill out this field	Pass

4	Leave Email Blank and Enter valid First name, Last name, password, confirm password, Choose Image, Phone Number and Address	1.Enter First Name 2.Enter Last Name 3.Leave Your Email Blank 4.Enter Password 5.Enter Confirm Password 6.Choose File 7.Enter Phone Number 8.Enter Address	First Name: Harry Last Name: Potter Your Email: Password:1234567890 Confirm Password: 1234567890 Choose File: profile.jpg Your Phone Number: 7485627383 Address: Mumbai 400604.	Popup: Please fill out this field	Popup: Please fill out this field	Pass
5	Leave Password Blank and Enter valid First	1.Enter First Name 2.Enter Last	First Name: Harry Last Name: Potter Your Email: harrypotter@gmai	Popup: Please fill out this field	Popup: Please fill out this field number	Pass

	name, Last name, Email, confirm password, Choose Image, Phone Number and Address	Name	l.com			
		3. Enter Your Email	Password:_____			
		4.Leave Password Blank	Confirm Password: 1234567890			
			Choose File: profile.jpg			
		5.Enter Confirm Password	Your Phone Number: 7485627383			
			Address: Mumbai 400604.			
		6.Choose File				
		7.Enter Phone Number				
		8.Enter Address				
6	Leave Confirm Password Blank and Enter valid First name, Last name, Email, passwor	1.Enter First Name	First Name: Harry	Popup: Please fill out this field	Popup: Please fill out this field	Pass
			Last Name: Potter			
		2.Enter Last Name	Your Email: harrypotter@gmail.com			
		3. Enter Your Email	Password:1234567890			

#	Condition	Steps	Test Data	Expected Result	Actual Result	Status
	d, Choose Image, Phone Number and Address	4.Enter Password	Confirm Password: _____			
		5.Leave Confirm Password Blank	Choose File: profile.jpg			
		6.Choose File	Your Phone Number: 7485627383			
		7.Enter Phone Number	Address: Mumbai 400604.			
		8.Enter Address				
7	Don't Choose a file and Enter valid First name, Last name, Email, password, confirm password, Phone Number and Address	1.Enter First Name	First Name: Harry	Error Message: Sorry, only JPG, JPEG, PNG & GIF files are allowed.	Error Message: Sorry, only JPG, JPEG, PNG & GIF files are allowed.	Pass
			Last Name: Potter			
		2.Enter Last Name	Your Email: harrypotter@gmail.com			
		3. Enter Your Email	Password:1234567890			
		4.Enter Password	Confirm Password: 1234567890			
			Choose File: Choose File			

#	Description	Steps	Test Data	Expected Result	Actual Result	Status
		5.Enter Confirm Password	Your Phone Number: 7485627383			
		6.Don't Choose File	Address: Mumbai 400604.			
		7.Enter Phone Number				
		8.Enter Address				
8	Leave Phone Number Blank and Enter valid First name, Last name, Email, password, confirm password, Choose Image and Address password	1.Enter First Name	First Name: Harry Last Name: Potter	Popup: Please fill out this field	Popup: Please fill out this field	Pass
		2.Enter Last Name	Your Email: harrypotter@gmail.com			
		3. Enter Your Email	Password:1234567890			
		4.Enter Password	Confirm Password: 1234567890			
		5.Enter Confirm Password	Choose File: profile.jpg Your Phone Number: _____			

		6.Choose File	Address: Mumbai 400604.			
		7.Leave Phone Number Blank				
		8.Enter Address				
9	Leave Address Blank and Enter valid First name, Last name, Email, password, confirm password, Choose Image, Phone Number and Address password	1.Enter First Name	First Name: Harry Last Name: Potter	Popup: Please fill out this field	Popup: Please fill out this field	Pass
		2.Enter Last Name	Your Email: harrypotter@gmail.com			
		3. Enter Your Email	Password:1234567890			
		4.Enter Password	Confirm Password: 1234567890			
		5.Enter Confirm Password	Choose File: profile.jpg			
			Your Phone Number: 7485627383			
		6.Choose File	Address: _____			
		7.Enter Phone Numbe				

		r			
		8.Leave Address Blank			
10	Enter valid First name, Last name, Email, password, Choose Image, Phone Number, Address and enter a different confirm password	1.Enter First Name	First Name: Harry Last Name: Potter	Error Message : Password does not Match	Error Message : Password does not Match	Pass
		2.Enter Last Name	Your Email: harrypotter@gmail.com			
		3. Enter Your Email	Password:1234567890			
		4.Enter Password	Confirm Password: 6hd85jsf9d7			
		5.Enter different Confirm Password	Choose File: profile.jpg			
		6.Choose File	Your Phone Number: 7485627383			
		7.Enter Phone Number	Address: Mumbai 400604.			
		8.Enter Addres				

		s				
11	Enter invalid Email and Enter valid First name, Last name, password, Choose Image, Phone Number, Address and enter a different confirm password	1.Enter First Name 2.Enter Last Name 3. Enter invalid Your Email 4.Enter Password 5.Enter Confirm Password 6.Choose File 7.Enter Phone Number 8.Enter Address	First Name: Harry Last Name: Potter Your Email: harrypottergmailcom Password:1234567890 Confirm Password: 1234567890 Choose File: profile.jpg Your Phone Number: 7485627383 Address: Mumbai 400604.	Popup : Please include an '@' in the email address. Harrypottergmailcom is missing an '@'.	Popup : Please include an '@' in the email address. Harrypottergmailcom is missing an '@'.	Pass
12	Enter invalid First name and valid	1.Enter invalid First Name 2.Enter	First Name: 48984y2ui Last Name: Potter	Error Message : First Name must contain only Alphabets and Spaces	Error Message : First Name must contain only Alphabets and Spaces	Pass

	Last name, Email, password, confirm password, Choose Image, Phone Number and Address	Last Name 3. Enter Your Email 4.Enter Password 5.Enter Confirm Password 6.Choose File 7.Enter Phone Number 8.Enter Address	Your Email: harrypotter@gmail.com Password:1234567890 Confirm Password: 1234567890 Choose File: profile.jpg Your Phone Number: 7485627383 Address: Mumbai 400604.			
13	Enter invalid Last name and valid First name, Email, password, confirm password,	1.Enter First Name 2.Enter invalid Last Name 3. Enter Your Email	First Name: Harry Last Name: 2873tf83 Your Email: harrypotter@gmail.com Password:1234567890	Error Message :Last Name must contain only Alphabets and Spaces	Error Message :Last Name must contain only Alphabets and Spaces	Pass

			Choose Image, Phone Number and Address	4.Enter Password 5.Enter Confirm Password 6.Choose File 7.Enter Phone Number 8.Enter Address	Confirm Password: 1234567890 Choose File: profile.jpg Your Phone Number: 7485627383 Address: Mumbai 400604.			
14	Enter invalid Phone Number and valid First name, Last Name, Email, password, confirm password, Choose Image, and Address	1.Enter First Name 2.Enter Last Name 3. Enter Your Email 4.Enter Password 5.Enter Confir	First Name: Harry Last Name: Potter Your Email: harrypotter@gmail.com Password:1234567890 Confirm Password: 1234567890 Choose File: profile.jpg	Error Message :Phone Numbers must contain only Numbers	Error Message :Phone Numbers must contain only Numbers	Pass

				Error Message : Email ID already existes	Error Message : Email ID already existes	Pass
		m Passw ord	Your Phone Number: hvieuriuy834			
		6.Choo se File	Address: Mumbai 400604.			
		7.Enter Invalid Phone Numbe r				
		8.Enter Addres s				
15	Enter existing Email and valid First name, Last Name, Email, passwor d, confirm passwor d, Choose Image, Phone Number and Address	1.Enter First Name	First Name: Ron	Error Message : Email ID already existes	Error Message : Email ID already existes	Pass
		2.Enter Last Name	Last Name: Weasley			
		3. Enter existin g Your Email	Your Email: harrypotter@gmail.com			
		4.Enter Passw ord	Password:1234567890			
		5.Enter Confir m Passw ord	Confirm Password: 1234567890			
			Choose File: profile.jpg			
			Your Phone Number: 3425684567			
		6.Choo se File	Address: Mumbai 400604.			

| | | 7.Enter Phone Number | | | | |

| | | 8.Enter Address | | | | |

<div align="center">Table 5.2 Test Scenario 1</div>

5.3.3 Beta Testing

Beta testing is a type of User Acceptance Testing among the most crucial testing, which performed before the release of the software. Beta Testing is a type of Field Test. This testing performs at the end of the software testing life cycle. This type of testing can be considered as external user acceptance testing. It is a type of salient testing. Real users perform this testing. This testing executed after the alpha testing. In this the new version, beta testing is released to a limited audience to check the accessibility, usability, and functionality, and more. Beta testing is the last phase of the testing, which is carried out at the client's or customer's site.

5.4 Modifications and Improvements

Initially the user was unable to start typing as there were some issues in the CSS of the code and it could be a bad experience for the user because every time the user would have to start searching for the perfect place to give input over the textfield.

The above mentioned modifications were implemented in order to improve the experience of the user.

5.5 Test Cases

1.Login Test Scenario :-

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Enter Valid	1.Enter valid	Email : harrypotter@gmal	Redirect to Index Page	Redirected to Index Page	Pass

	Email-id and password	Email-id 2.Enter valid password 3.Press the Login Button	.com Password : 1234567890			
2	Enter Invalid Email-id and valid password	1.Enter invalid Email-id 2.Enter valid password 3.Press the Login Button	Email : harrypottergmailc om Password : 1234567890	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Pass
3	Enter valid Email-id and invalid password	1.Enter valid Email-id 2.Enter invalid password 3.Press the Login Button	Email : harrypotter@gmal .com Password : 123	Popup Box : Login unsuccessful	Popup Box : Login unsuccessful	Pass
4	Enter invalid Email-id and invalid password	1.Enter invalid Email-id 2.Enter invalid password 3.Press	Email : harrypottergmail.c om Password : 1234	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Pass

			the Login Button				
5	Leave Email ID blank and enter valid password	1.Leave Email-id Blank 2.Enter invalid password 3.Press the Login Button	Email : _____ Password : 1234567890	Popup: Please fill out this field	Popup: Please fill out this field	Pass
5	Enter valid Email ID and leave password blank	1.Leave Email-id Blank 2.Enter invalid password 3.Press the Login Button	Email : harrypotter@gmail.com Password : _____	Popup: Please fill out this field	Popup: Please fill out this field	Pass

Table 5.3 Test Scenario 2

3.Trainee Form Test Case

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Enter Email Address, Full Name,	1.Enter Email Address	Email : harrypotter@gmal.com Full Name: Harry	Receive an Email	Receive an Email	Pass

	Description	Test Steps	Test Data	Expected Result	Actual Result	Status
	Company Name, Age, Choose a Preferable Batch, Choose Center and Phone	2.Enter Full Name 3.Enter Company Name 4.Enter Age 5.Choose a Preferable Batch 6.Choose Center 7.Enter Phone Number 8.Press Submit Button	Potter Company Name: Magic.in Age:28 Preferable Batch: Weekday-Morning(2 Months) Choose Center: Thane Phone: 7593847284 Press Submit Button			
2	Enter invalid Email Address and valid Full Name, Company Name, Age, Choose a Preferable Batch, Choose Center and Phone	1.Enter Email Address 2.Enter Full Name 3.Enter Company Name 4.Enter Age 5.Choose a Preferable Batch 6.Choo	Email : harrypottergmalcom Full Name: Harry Potter Company Name: Magic.in Age:28 Preferable Batch: Weekday-Morning(2 Months) Choose Center: Thane Phone: 7593847284 Press Submit Button	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Pass

se
Center

7.Enter
Phone
Numbe
r

8.Press
Submit
Button

Table 5.4 Test Scenario 3

4.Franchise Form Test Case :

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Enter Email Address, Full Name, Company Name, Company, Website, net-worth, Choose Cash available for investment, country, State, City and Phone	1.Enter Email Address 2.Enter Full Name 3.Enter Company Name 4.Enter Company Website 5.Enter Net-worth 6.Choose Cash available for investment 7.Enter Country 8.Enter	Email : harrypotter@gmal.com Full Name: Harry Potter Company Name: Magic.in Company Website: www.magic.in Net-Worth: 40 lakhs Country: India State: Maharashtra City: Mumbai Phone: 7593847284 Press Submit Button	Receive an Email	Receive an Email	Pass

Tes	Test	Test	Test	Expected Result	Actual Result	Stat
		State 9.Enter City 10.Enter Phone Number 11. Press Submit Button				
2	Enter invalid Email Address, valid Full Name, Compan y Name, Compan y, Website, net- worth, Choose Cash available for investme nt, country, State, City and Phone	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Compan y Name 4.Enter Age 5.Choos e a Preferab le Batch 6.Choos e Center 7.Enter Phone Num8. Press Submit Button ber	Email : harrypottergmalc om Full Name: Harry Potter Company Name: Magic.in Company Website: www.magic.in Net-Worth: 40 lakhs Country: India State: Maharashtra City: Mumbai Phone: 7593847284 Press Submit Button	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Pass

Table 5.5 Test Scenario 4

5.Doctor Consultation Form Case Test:

Tes	Test	Test	Test	Expected Result	Actual Result	Stat

t Case ID	Case Description	Steps	Data			us
1	Enter Email Address, Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose Preferable Doctor and Choose a Schedule	1.Enter Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Choose Preferable Doctor 8.Schedule 9. Press Submit Button	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Preferable Doctor: Family Physician Schedule: 10-04-21 10:00 Press Submit Button	Receive an Email	Receive an Email	Pass
2	Enter invalid Email Address, valid Full Name, Phone, Medical Intake, Medical History, Sympto	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake	Email : harrypottergmalc om Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Pass

	ms, Choose Preferable Doctor and Choose a Schedule	5.Enter Medical History 6.Enter Symptoms 7.Choose Preferable Doctor 8.Schedule 9. Press Submit Button	Symptoms: Cold & fever Preferable Doctor: Family Physician Schedule: 10-04-21 10:00 Press Submit Button			
3	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose Preferable Doctor, Choose a Schedule and Enter Phone Number for OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Choose Preferable Doctor 8.Schedule 9. Press Submit	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Preferable Doctor: Family Physician Schedule: 10-04-21 10:00 Press Submit Button Phone: 7263847698	Receive an OTP on the given Number	Receive an OTP on the given Number	Pass

		Button 10.Enter Phone				
4	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose Preferable Doctor, Choose a Schedule and Enter invalid Phone Number for OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Choose Preferable Doctor 8.Schedule 9. Press Submit Button 10.Enter invalid Phone 11.Click on send OTP button	Email : harrypotter@gmail.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Preferable Doctor: Family Physician Schedule: 10-04-21 10:00 Press Submit Button Phone: iijdkj656 Click on send OTP button	Error Message: Enter Valid Phone Number	Error Message: Enter Valid Phone Number	Pass
5	Enter Email Address, valid Full	1.Enter invalid Email Address 2.Enter	Email : harrypotter@gmail.com Full Name: Harry Potter	Redirect to Payment Module	Redirect to Payment Module	Pass

#	Description	Steps	Test Data	Expected Result	Actual Result	Status
	Name, Phone, Medical Intake, Medical History, Symptoms, Choose Preferable Doctor, Choose a Schedule and Enter Phone Number for OTP and Enter OTP	Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Choose Preferable Doctor 8.Schedule 9. Press Submit Button 10.Enter Phone 11.Click on send OTP button 12.Enter OTP 13.Click on Verify Button	Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Preferable Doctor: Family Physician Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button Enter OTP Click on send OTP			
6	Enter Email Address, valid Full Name, Phone, Medical	1.Enter invalid Email Address 2.Enter Full Name 3.Enter	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284	Error Message : OTP did not match	Error Message : OTP did not match	Pass

		Phone	Medical Intake: None			
	Intake, Medical History, Symptoms, Choose Preferable Doctor, Choose a Schedule and Enter Phone Number for OTP and Enter wrong OTP	4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Choose Preferable Doctor 8.Schedule 9. Press Submit Button 10.Enter Phone 11.Click on send OTP button 12.Enter wrong OTP 13.Click on Verify Button	Medical History: None Symptoms: Cold & fever Preferable Doctor: Family Physician Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button Enter wrong OTP Click on Verify Button			
7	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None	Receive Payment Reciept as mail	Receive Payment Reciept as mail	Pass

History, Symptoms, Choose Preferable Doctor, Choose a Schedule and Enter Phone Number for OTP Enter OTP, Select a Payment Method and Pay	Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Choose Preferable Doctor 8.Schedule 9. Press Submit Button 10.Enter Phone 11.Click on send OTP button 12.Enter OTP 13.Click on Verify Button 14.Select Payment Method 15. Enter Card Number 16. Enter Expiry Date	Medical History: None Symptoms: Cold & fever Preferable Doctor: Family Physician Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button Enter OTP Click on Verify Button Select Payment Method Enter Card Number Enter Expiry Date Enter CVV Click on Pay Button

		17. Enter CVV				
		18.Click Pay Button				

<center>Table 5.6 Test Scenario 5</center>

6.Therapist Consultation Test Scenario

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Enter Email Address, Full Name, Phone, Medical Intake, Medical History, Symptoms and Choose a Schedule	1.Enter Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Schedule 8. Press Submit Button	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit Button	Receive an Email	Receive an Email	Pass
2	Enter invalid Email Address, valid Full Name,	1.Enter invalid Email Address 2.Enter Full Name	Email : harrypottergmalcom Full Name: Harry Potter Phone:	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Pass

	Phone, Medical Intake, Medical History, Symptoms and Choose a Schedule	3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Schedule 8. Press Submit Button	7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit Button			
3	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose a Schedule and Enter Phone Number for OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Schedule 8. Press Submit Button 9.Enter Phone	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit Button Phone: 7263847698	Receive an OTP on the given Number	Receive an OTP on the given Number	Pass
4	Enter	1.Enter	Email :	Error Message:	Error Message:	Pass

	Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose a Schedule and Enter invalid Phone Number for OTP	invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Schedule 8. Press Submit Button 9.Enter invalid Phone 10.Click on send OTP button	harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit Button Phone: iijdkj656 Click on send OTP button	Enter Valid Phone Number	Enter Valid Phone Number	
5	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose a	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever	Redirect to Payment Module	Redirect to Payment Module	Pass

				Schedule: 10-04-21 10:00		
	Schedule and Enter Phone Number for OTP and Enter OTP	History 6.Enter Symptoms 7.Schedule 8. Press Submit Button 9.Enter Phone 10.Click on send OTP button 11.Enter OTP 12.Click on Verify Button	Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button Enter OTP Click on send OTP			
6	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose a Schedule and Enter Phone Number for OTP and Enter	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Schedule 8. Press	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button	Error Message : OTP did not match	Error Message : OTP did not match	Pass

		wrong OTP	Submit Button	Enter wrong OTP			
				Click on Verify Button			
			9.Enter Phone				
			10.Click on send OTP button				
			11.Enter wrong OTP				
			12.Click on Verify Button				
7	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose a Schedule and Enter Phone Number for OTP Enter OTP, Select a Payment Method and Pay	1.Enter invalid Email Address	Email : harrypotter@gmal.com	Receive Payment Reciept as mail	Receive Payment Reciept as mail	Pass
			2.Enter Full Name	Full Name: Harry Potter			
			3.Enter Phone	Phone: 7593847284			
			4.Enter Medical Intake	Medical Intake: None			
			5.Enter Medical History	Medical History: None			
			6.Enter Symptoms	Symptoms: Cold & fever			
			7.Schedule	Schedule: 10-04-21 10:00			
			8. Press Submit Button	Press Submit Button			
			9.Enter Phone	Phone: 9837662323			
			10.Click on send OTP	Click on send OTP Button			
				Enter OTP			
				Click on Verify Button			
				Select Payment Method			
				Enter Card			

		button	Number			
		11.Enter OTP	Enter Expiry Date			
		12.Click on Verify Button	Enter CVV Click on Pay Button			
		13.Select Payment Method				
		14. Enter Card Number				
		15. Enter Expiry Date				
		16. Enter CVV				
		17.Click Pay Button				

Table 5.7 Test Scenario 6

7.Nutritionist Consultation Form Test Scenario:

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Enter Email	1.Enter Email	Email : harrypotter@gma	Receive an Email	Receive an Email	Pass

	Address, Full Name, Phone, Medical Intake, Medical History, Body Weight and Choose a Schedule	Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Body Weight 7.Schedule 8. Press Submit Button	l.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Body Weight: 75kg Schedule: 10-04-21 10:00 Press Submit Button			
2	Enter invalid Email Address, valid Full Name, Phone, Medical Intake, Medical History, Body Weight and Choose a Schedule	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Body Weight 7.Schedule 8. Press Submit	Email : harrypottergmalcom Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Body Weight: 75kg Schedule: 10-04-21 10:00 Press Submit Button	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Pass

		Button				
3	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Body Weight , Choose a Schedule and Enter Phone Number for OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Body Weight 7.Schedule 8. Press Submit Button 9.Enter Phone	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Body Weight :75kg Schedule: 10-04-21 10:00 Press Submit Button Phone: 7263847698	Receive an OTP on the given Number	Receive an OTP on the given Number	Pass
4	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Body Weight , Choose a Schedule and Enter	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Body Weight: 75kg Schedule: 10-04-21 10:00 Press Submit	Error Message: Enter Valid Phone Number	Error Message: Enter Valid Phone Number	Pass

#	Description	Steps	Test Data	Expected Result	Actual Result	Status
	invalid Phone Number for OTP	Body Weight 7.Schedule 8. Press Submit Button 9.Enter invalid Phone 10.Click on send OTP button	Button Phone: iijdkj656 Click on send OTP button			
5	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Body Weight , Choose a Schedule and Enter Phone Number for OTP and Enter OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Body Weight 7.Schedule 8. Press Submit Button 9.Enter Phone 10.Click on send OTP button	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Body Weight: 75kg Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button Enter OTP Click on send OTP	Redirect to Payment Module	Redirect to Payment Module	Pass

		11.Enter OTP 12.Click on Verify Button				
6	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Body Weight , Choose a Schedule and Enter Phone Number for OTP and Enter wrong OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Body Weight 7.Schedule 8. Press Submit Button 9.Enter Phone 10.Click on send OTP button 11.Enter wrong OTP 12.Click on Verify Button	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Body Weight: 75kg Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button Enter wrong OTP Click on Verify Button	Error Message : OTP did not match	Error Message : OTP did not match	Pass

7	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Body Weight , Choose a Schedule and Enter Phone Number for OTP Enter OTP, Select a Payment Method and Pay	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Body Weight 7.Schedule 8. Press Submit Button 9.Enter Phone 10.Click on send OTP button 11.Enter OTP 12.Click on Verify Button 13.Select Payment Method 14. Enter Card	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Body Weight: 75kg Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button Enter OTP Click on Verify Button Select Payment Method Enter Card Number Enter Expiry Date Enter CVV Click on Pay Button	Receive Payment Reciept as mail	Receive Payment Reciept as mail	Pass

Number

15. Enter Expiry Date

16. Enter CVV

17.Click Pay Button

Table 5.8 Test Scenario 7

8.Ayurvedic Consultation Form Test Scenario

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Enter Email Address, Full Name, Phone, Medical Intake, Medical History, Symptoms and Choose a Schedule	1.Enter Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Schedule 8. Press Submit Button	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit Button	Receive an Email	Receive an Email	Pass
2	Enter invalid	1.Enter invalid	Email : harrypottergmalc	Popup Box : Please include an	Popup Box : Please include an	Pass

#	Description	Steps	Test Data	Expected Result	Actual Result	Status
	Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms and Choose a Schedule	Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Schedule 8. Press Submit Button	om Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit Button	'@' in the emailaddress. 'harrypottergmail com' is missing an '@'	'@' in the emailaddress. 'harrypottergmail com' is missing an '@'	
3	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose a Schedule and Enter Phone Number for OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Schedule 8. Press	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit Button Phone: 7263847698	Receive an OTP on the given Number	Receive an OTP on the given Number	Pass

		Submit Button				
		9.Enter Phone				
4	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose a Schedule and Enter invalid Phone Number for OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Schedule 8. Press Submit Button 9.Enter invalid Phone 10.Click on send OTP button	Email : harrypotter@gmail.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit Button Phone: iijdkj656 Click on send OTP button	Error Message: Enter Valid Phone Number	Error Message: Enter Valid Phone Number	Pass
5	Enter Email Address, valid Full Name, Phone, Medical Intake,	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone	Email : harrypotter@gmail.com Full Name: Harry Potter Phone: 7593847284 Medical Intake:	Redirect to Payment Module	Redirect to Payment Module	Pass

	Medical History, Symptoms, Choose a Schedule and Enter Phone Number for OTP and Enter OTP	4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Schedule 8. Press Submit Button 9.Enter Phone 10.Click on send OTP button 11.Enter OTP 12.Click on Verify Button	None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button Enter OTP Click on send OTP		
6	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose a Schedule and Enter	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit	Error Message : OTP did not match	Error Message : OTP did not match	Pass

	Phone Number for OTP and Enter wrong OTP	Symptoms 7.Schedule 8. Press Submit Button 9.Enter Phone 10.Click on send OTP button 11.Enter wrong OTP 12.Click on Verify Button	Button Phone: 9837662323 Click on send OTP Button Enter wrong OTP Click on Verify Button			
7	Enter Email Address, valid Full Name, Phone, Medical Intake, Medical History, Symptoms, Choose a Schedule and Enter Phone Number for OTP Enter OTP, Select a	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Enter Medical Intake 5.Enter Medical History 6.Enter Symptoms 7.Schedule 8. Press Submit Button	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Medical Intake: None Medical History: None Symptoms: Cold & fever Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button Enter OTP	Receive Payment Reciept as mail	Receive Payment Reciept as mail	Pass

Payment Method and Pay	9.Enter Phone	Click on Verify Button
	10.Click on send OTP button	Select Payment Method
	11.Enter OTP	Enter Card Number
	12.Click on Verify Button	Enter Expiry Date
	13.Select Payment Method	Enter CVV
	14. Enter Card Number	Click on Pay Button
	15. Enter Expiry Date	
	16. Enter CVV	
	17.Click Pay Button	

Table 5.9 Test Scenario 8

9.Gym Plan Form Test Scenario

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Enter Email Address, Full	1.Enter Email Address 2.Enter	Email : harrypotter@gmal.com Full Name: Harry	Receive an Email	Receive an Email	Pass

		Name, Phone, and Choose a Schedule	Full Name 3.Enter Phone 4.Schedule 5. Press Submit Button	Potter Phone: 7593847284 Schedule: 10-04-21 10:00 Press Submit Button			
2	Enter invalid Email Address, valid Full Name, Phone, and Choose a Schedule	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Schedule 5. Press Submit Button	Email : harrypottergmalcom Full Name: Harry Potter Phone: 7593847284 Schedule: 10-04-21 10:00 Press Submit Button	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Popup Box : Please include an '@' in the emailaddress. 'harrypottergmail com' is missing an '@'	Pass
3	Enter Email Address, valid Full Name, Phone, Choose a Schedule and Enter Phone Number for OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 7.Schedule 8. Press Submit Button 9.Enter Phone	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Schedule: 10-04-21 10:00 Press Submit Button Phone: 7263847698	Receive an OTP on the given Number	Receive an OTP on the given Number	Pass
4	Enter Email Address,	1.Enter invalid Email	Email : harrypotter@gmal.com	Error Message: Enter Valid Phone Number	Error Message: Enter Valid Phone Number	Pass

		valid Full Name, Phone, Choose a Schedule and Enter invalid Phone Number for OTP	Address 2.Enter Full Name 3.Enter Phone 4.Schedule 5. Press Submit Button 6.Enter invalid Phone 7.Click on send OTP button	Full Name: Harry Potter Phone: 7593847284 Schedule: 10-04-21 10:00 Press Submit Button Phone: iijdkj656 Click on send OTP button			
5	Enter Email Address, valid Full Name, Phone, Choose a Schedule and Enter Phone Number for OTP and Enter OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Schedule 5. Press Submit Button 6.Enter Phone 7.Click on send OTP button 8.Enter OTP 9.Click on	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button Enter OTP Click on send OTP	Redirect to Payment Module	Redirect to Payment Module	Pass

		Verify Button				
6	Enter Email Address, valid Full Name, Phone, Choose a Schedule and Enter Phone Number for OTP and Enter wrong OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Schedule 5. Press Submit Button 6.Enter Phone 7.Click on send OTP button 8.Enter wrong OTP 9.Click on Verify Button	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323 Click on send OTP Button Enter wrong OTP Click on Verify Button	Error Message : OTP did not match	Error Message : OTP did not match	Pass
7	Enter Email Address, valid Full Name, Phone, Choose a Schedule and Enter Phone Number for OTP	1.Enter invalid Email Address 2.Enter Full Name 3.Enter Phone 4.Schedule 5. Press Submit Button	Email : harrypotter@gmal.com Full Name: Harry Potter Phone: 7593847284 Schedule: 10-04-21 10:00 Press Submit Button Phone: 9837662323	Receive Payment Receipt as mail	Receive Payment Receipt as mail	Pass

Enter OTP, Select a Payment Method and Pay	6.Enter Phone 7.Click on send OTP button 8.Enter OTP 9.Click on Verify Button 10.Select Payment Method 11. Enter Card Number 12. Enter Expiry Date 13. Enter CVV 14.Click Pay Button	Click on send OTP Button Enter OTP Click on Verify Button Select Payment Method Enter Card Number Enter Expiry Date Enter CVV Click on Pay Button

Table 5.10 Test Scenario 9

10.Product Purchase Test Scenario:

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Choose size, Enter Quantity and Click on Add to	1.Choose Size 2.Enter Quantity	Valid URL Choose Size Enter Quantity Press Add to Cart	Open Cart	Open Cart	Pass

	Cart Button	3. Press Add to Cart Button	Button			
2	Choose size, Enter Quantity, Click on Add to Cart Button, Click on Action Button, Click on change quantity and Enter Quantity	1.Choose Size 2.Enter Quantity 3. Press Add to Cart Button 4.Press on Action Button 5. Click on change quantity 6. Enter Quantity 7.Press on Save Changes	Valid URL Choose Size Enter Quantity Press Add to Cart Button Press on Action Button Click on change quantity Enter Quantity Press on Save Changes	Popup: Updated Successfully	Popup: Updated Successfully	Pass
3	Choose size, Enter Quantity, Click on Add to Cart Button, Click on Action Button and Press Delete	1.Choose Size 2.Enter Quantity 3. Press Add to Cart Button 4. Click on Action Button 5. Press Delete	Valid URL Choose Size Enter Quantity Press Add to Cart Button Press on Action Button Press Delete	Popup: Deleted Successfully	Popup: Deleted Successfully	Pass
4	Choose size, Enter Quantity, Click on Add to	1.Choose Size 2.Enter Quantity 3. Press	Valid URL Choose Size Enter Quantity Press Add to Cart Button	Receive Payment Receipt as mail	Receive Payment Receipt as mail	Pass

Cart Button and Enter Phone Number for OTP Enter OTP, Select a Payment Method and Pay	Add to Cart Button 4.Press on Place Order 5.Enter Phone Number for OTP 6.Enter OTP, 7.Select a Payment Method 8.Press on Pay Button	Press on Place Order Phone: 9837662323 Click on send OTP Button Enter OTP Click on Verify Button Select Payment Method Enter Card Number Enter Expiry Date Enter CVV Click on Pay Button

Table 5.11 Test Scenario 10

11.Admin Login Test Scenario :-

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Enter Valid Email-id and password	1.Enter valid Email-id 2.Enter valid password 3.Press the Login Button	Email : manishalva20.ma @gmail.com Password : admin123456	Redirect to Index Page	Redirected to Index Page	Pass
2	Enter Invalid Email-id and valid password	1.Enter invalid Email-id 2.Enter valid password 3.Press the Login Button	Email : manishalva20mag mailcom Password : admin123456	Popup Box : Please include an '@' in the emailaddress. 'manishalva20ma gmailcom' is missing an '@'	Popup Box : Please include an '@' in the emailaddress. 'manishalva20ma gmailcom' is missing an '@'	Pass
3	Enter valid Email-id and invalid passwo	1.Enter valid Email-id 2.Ent	Email : manishalva20.ma @gmail.com Password : admin12	Popup Box : Login unsuccessful	Popup Box : Login unsuccessful	Pass
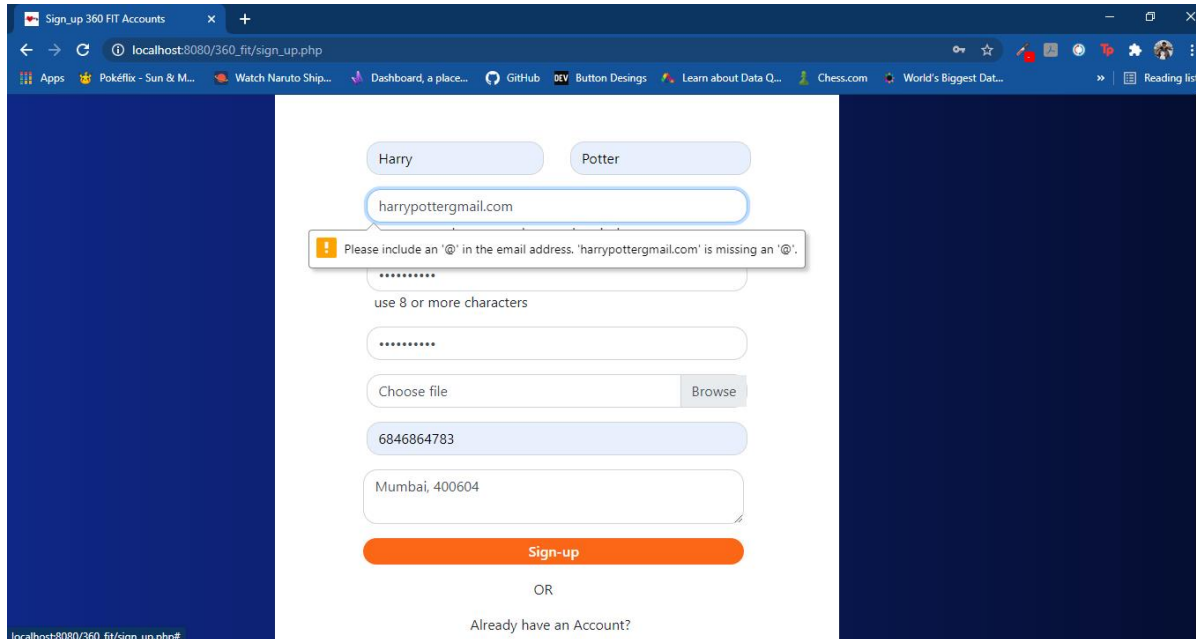
		rd	er invalid password				
			3.Press the Login Button				
4	Enter invalid Email-id and invalid password	1.Enter invalid Email-id	Email : manishalva20mag mailcom	Popup Box : Login unsuccessful	Popup Box : Login unsuccessful	Pass
		2.Enter invalid password	Password : admin123			
		3.Press the Login Button				

Table 5.12 Test Scenario 11

Chapter 6: Results and Discussions

6.1 Test Reports

1. Sign-up Form

Figure 6.1

This popup error reminds the user to put a valid Email id.

Figure 6.2

These are various validations applied to the sign-up form. The first one is due to the entering number in the First Name. The email entered already exists. The password and the confirm password were different. File error occurred, because no files were chosen. In case alphabets are entered in the Phone Number text box this error is displayed.

2. Login Form
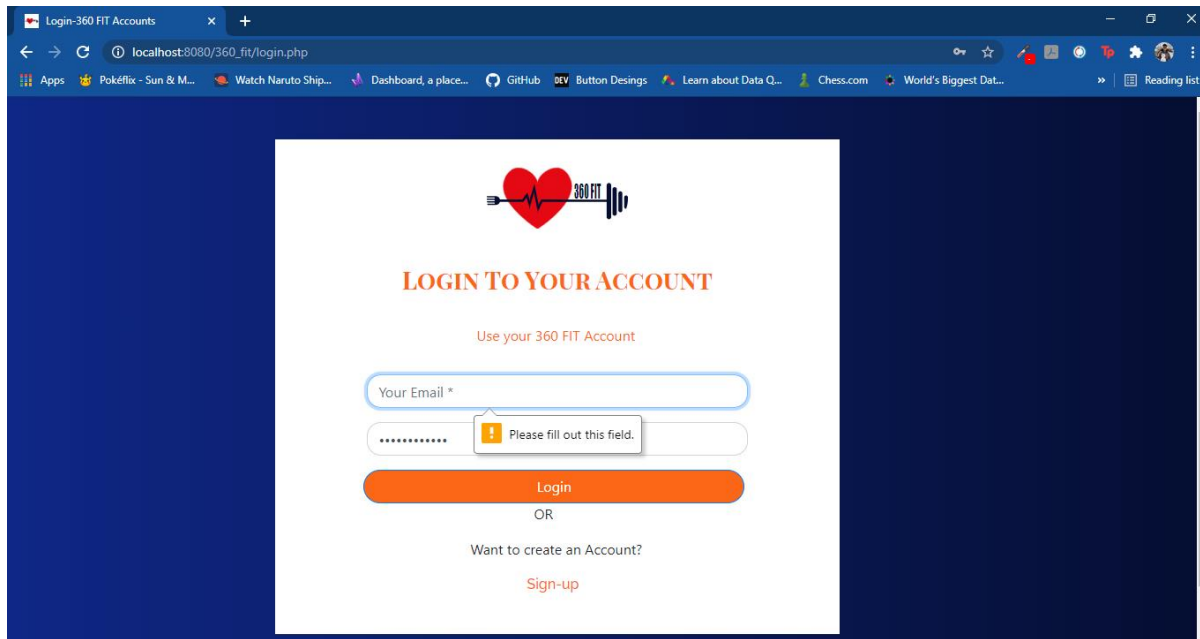
Figure 6.3
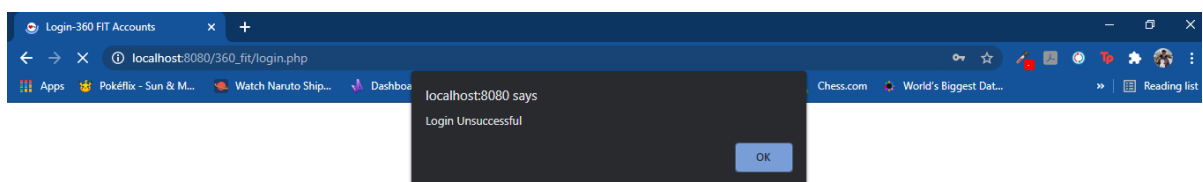
Figure 6.4

This error was displayed because the email and the password entered were invalid.

3. Trainee Form
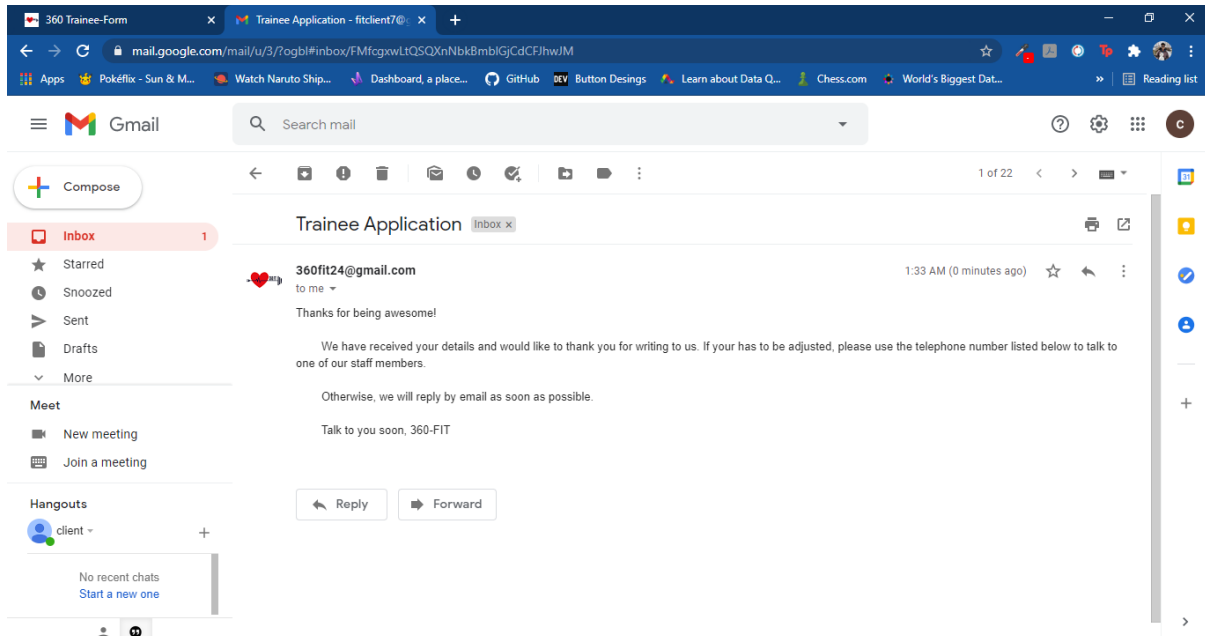
Figure 6.5

This mail will be sent to users who fill the Trainee Form.

4. Franchise Form
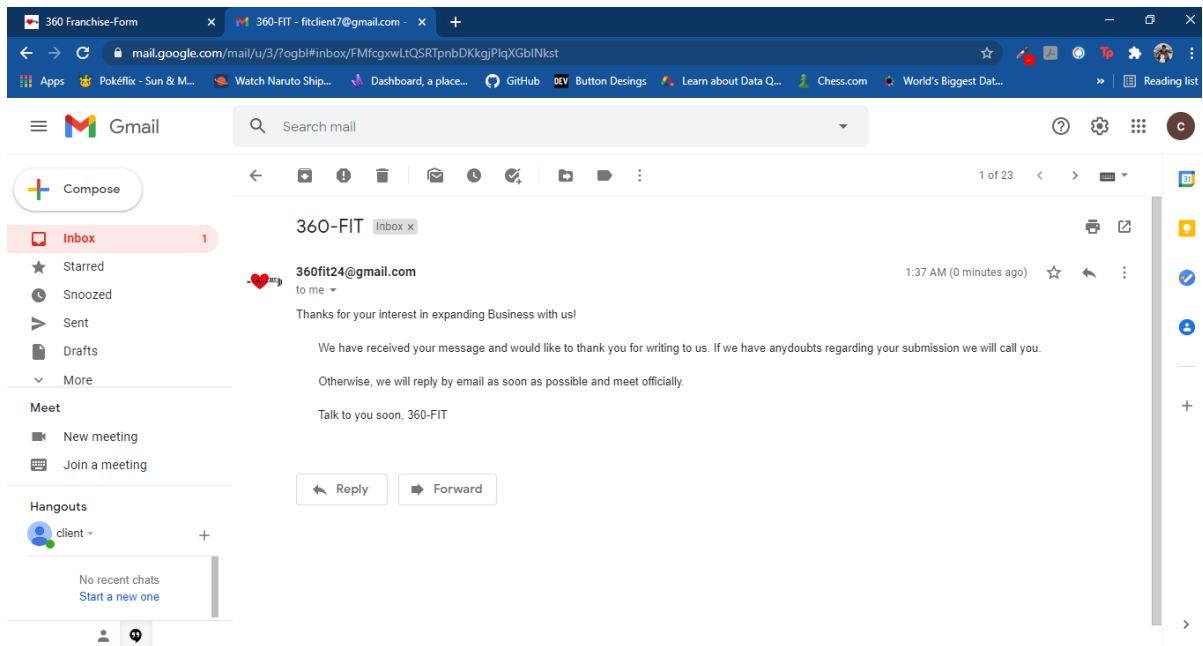
Figure 6.6

5. Doctor Consultation Form
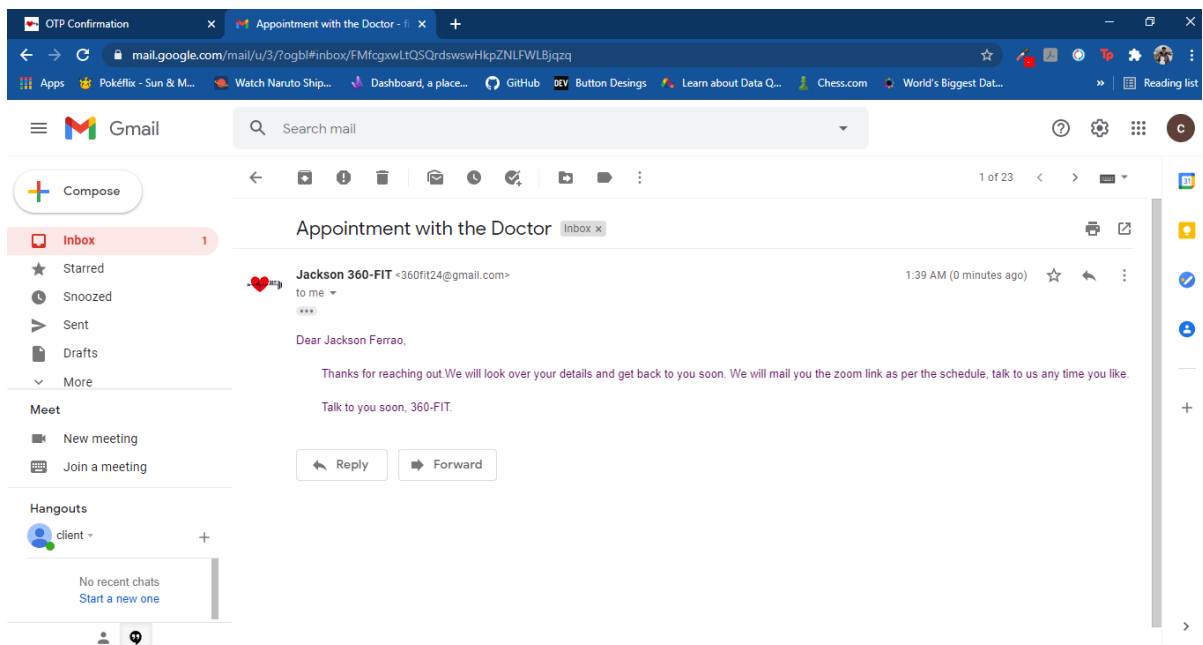
Figure6.7
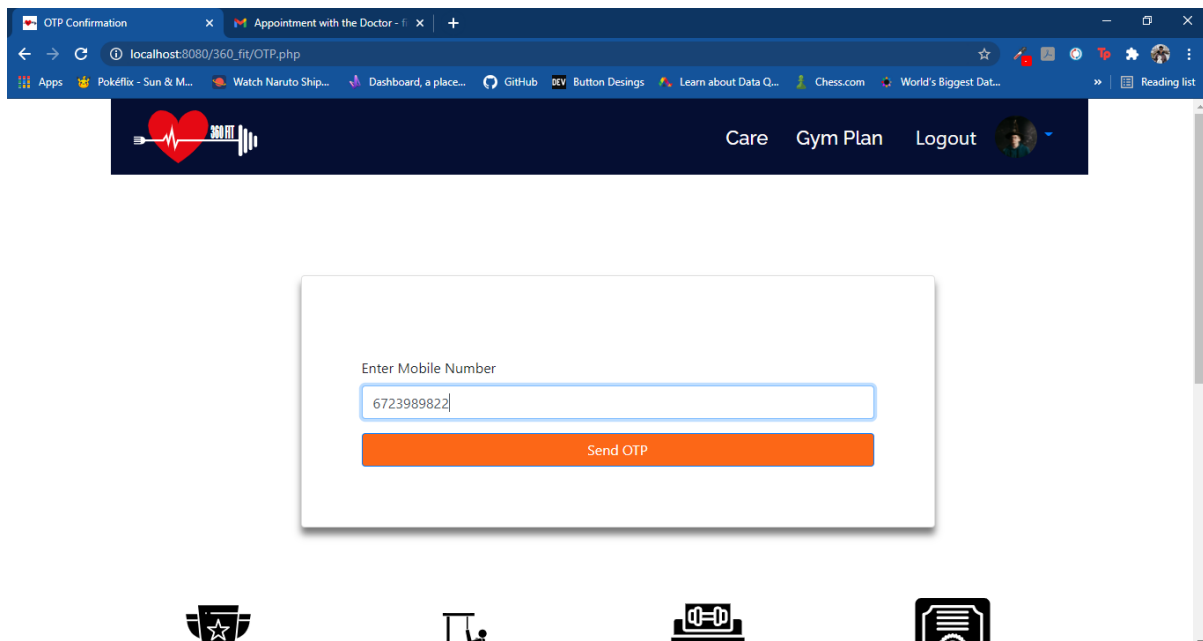
Figure 6.8

After successfully the user receives a mail then he will have to enter the Phone Number to receive an OTP.

6. Therapist Consultation Form
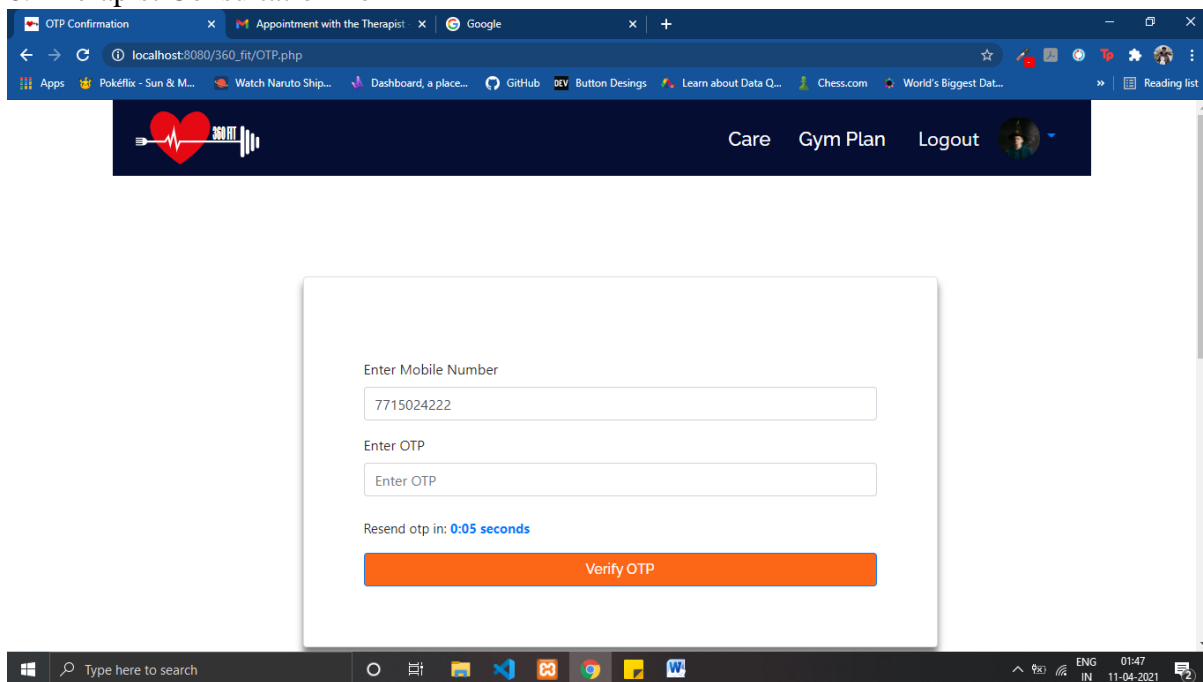
Figure 6.9

After user enters the phone number he will receive an OTP, which he has to match here.

7. Nutritionist Consultation Form
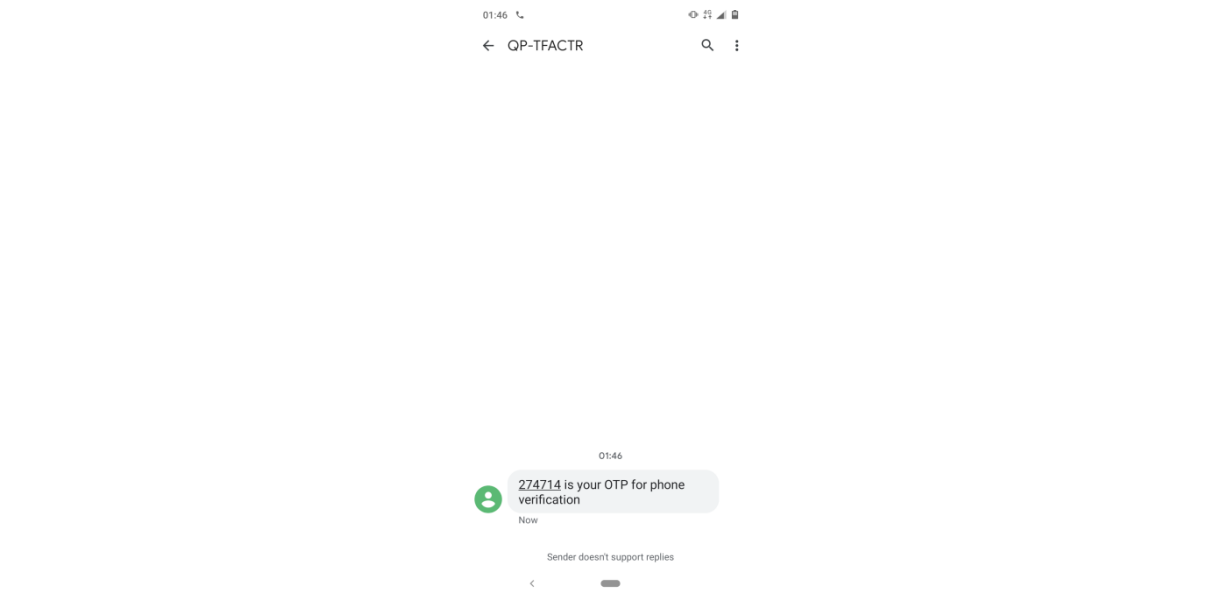
Figure 6.10
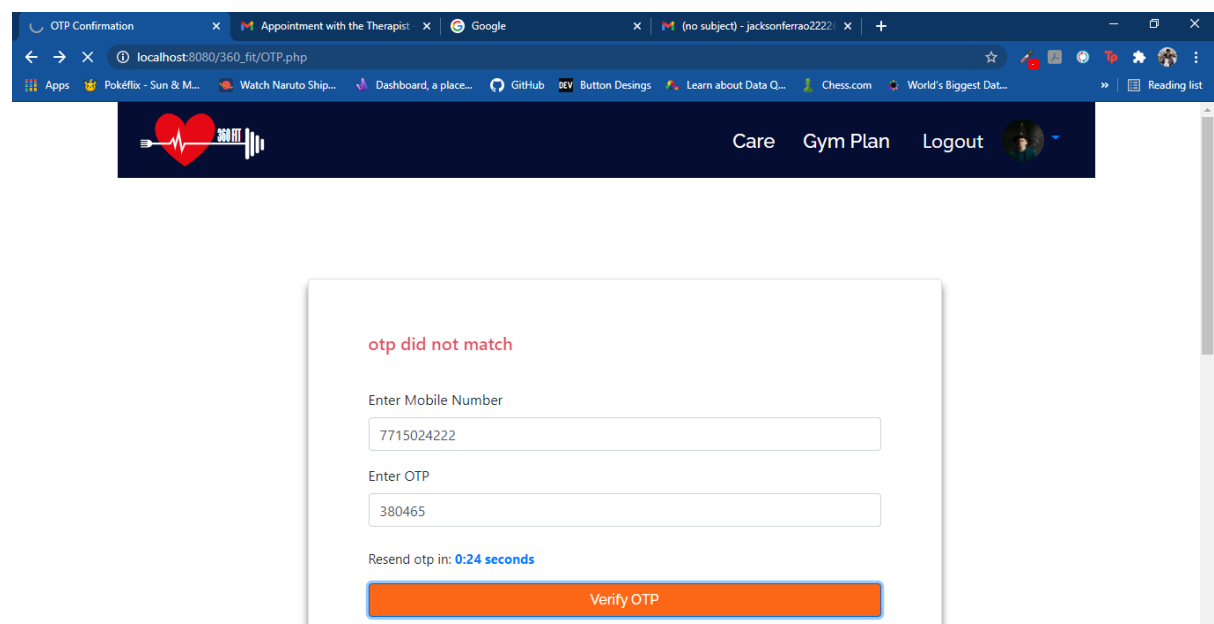
Figure 6.11

8. Ayurvedic Consultation Form
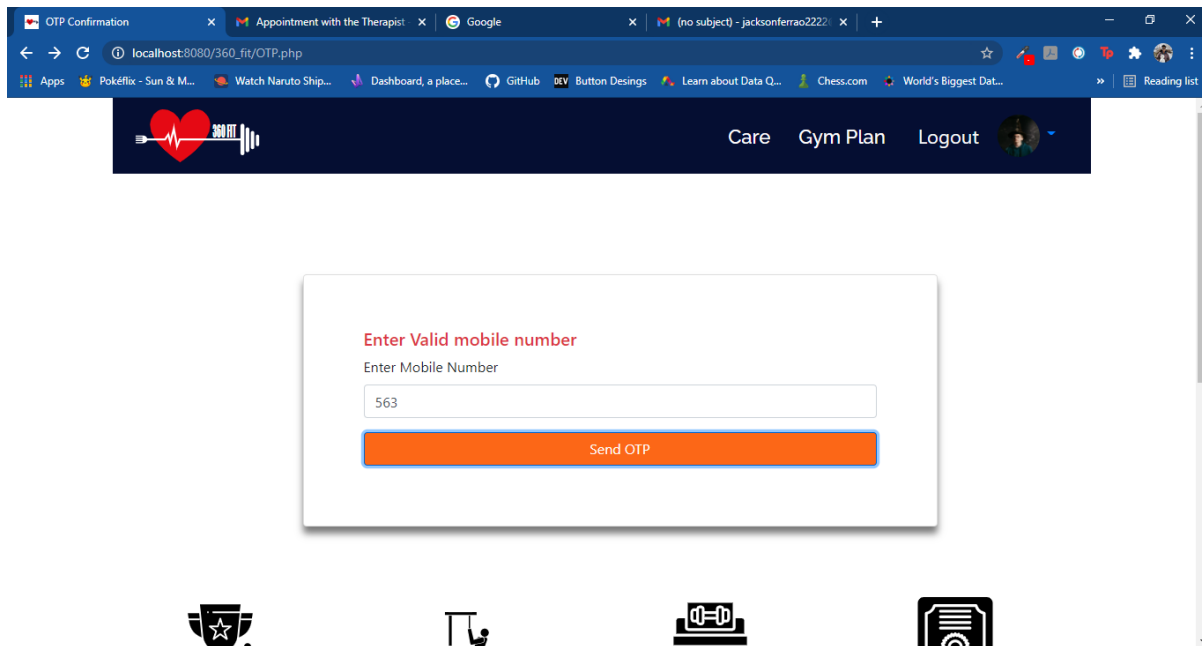
Figure 6.12

9. Gym Plan Form
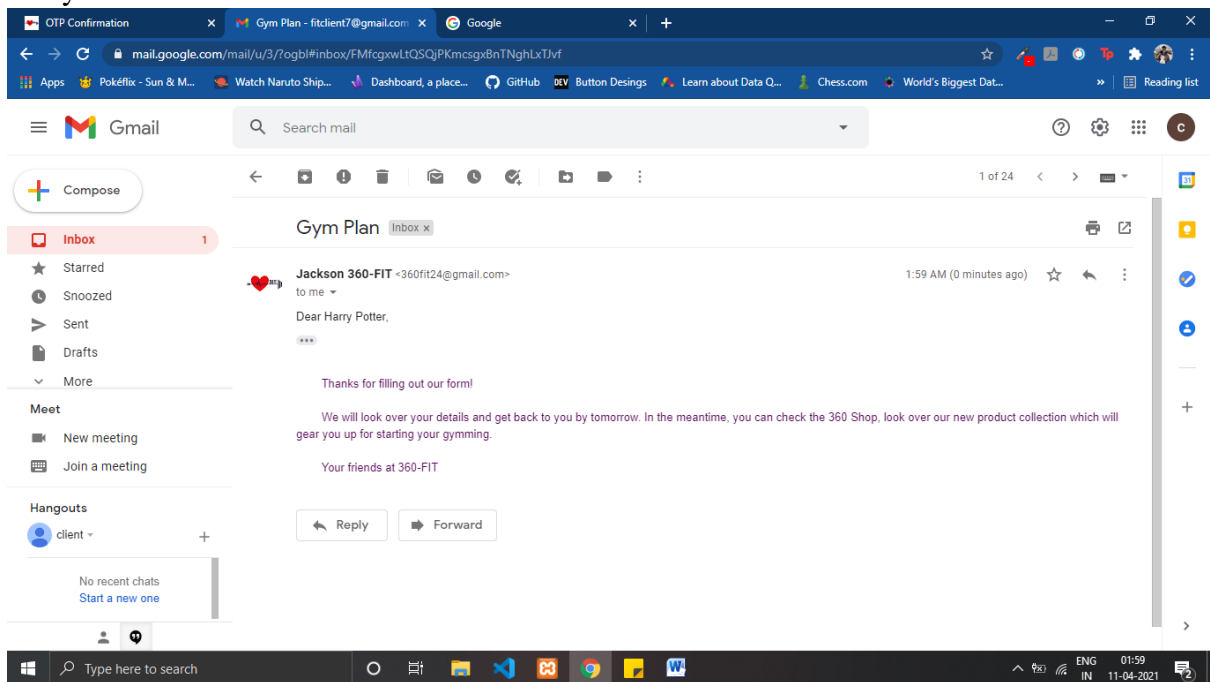
Figure 6.13
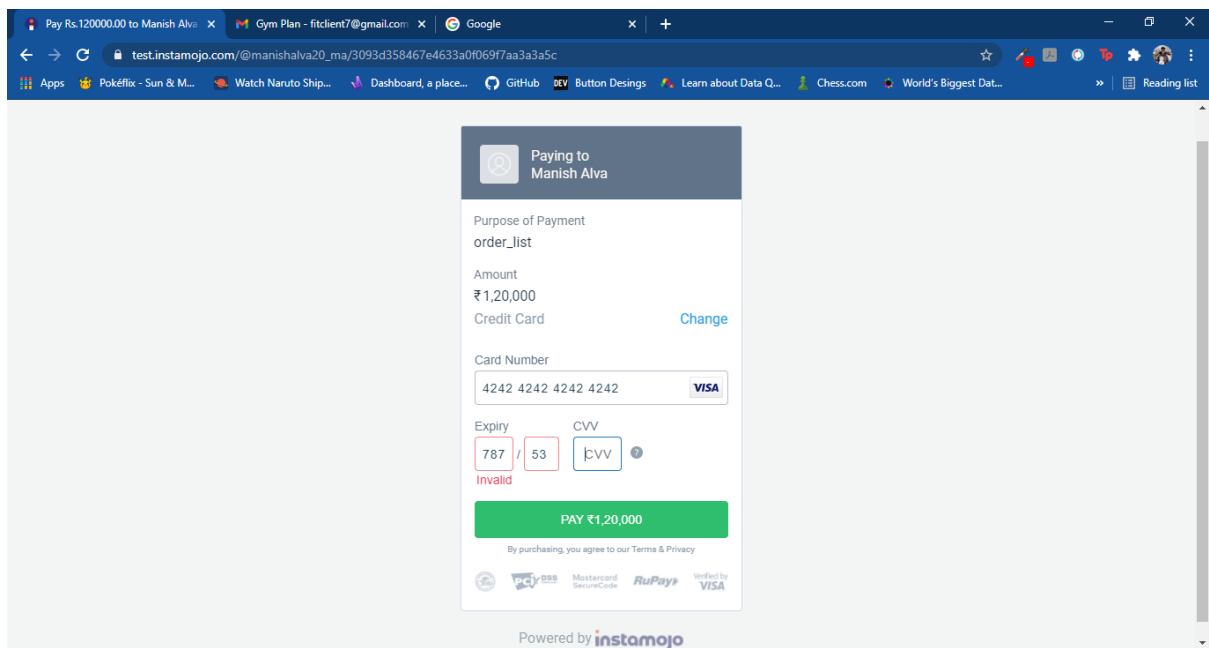
10. Product Purchase
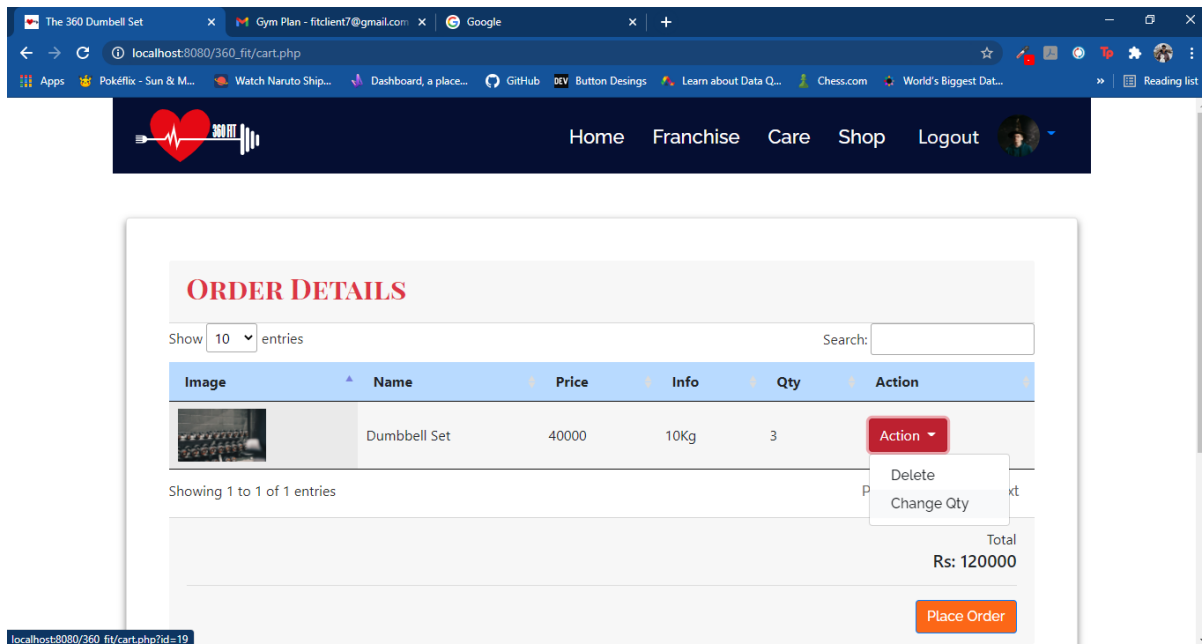
Figure 6.14
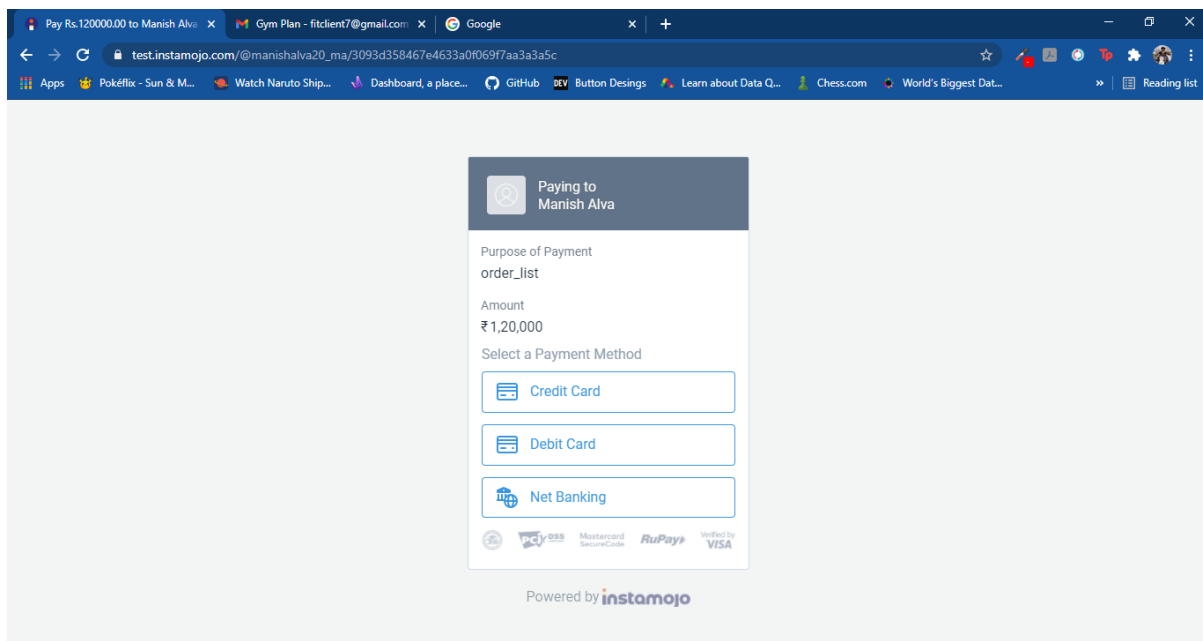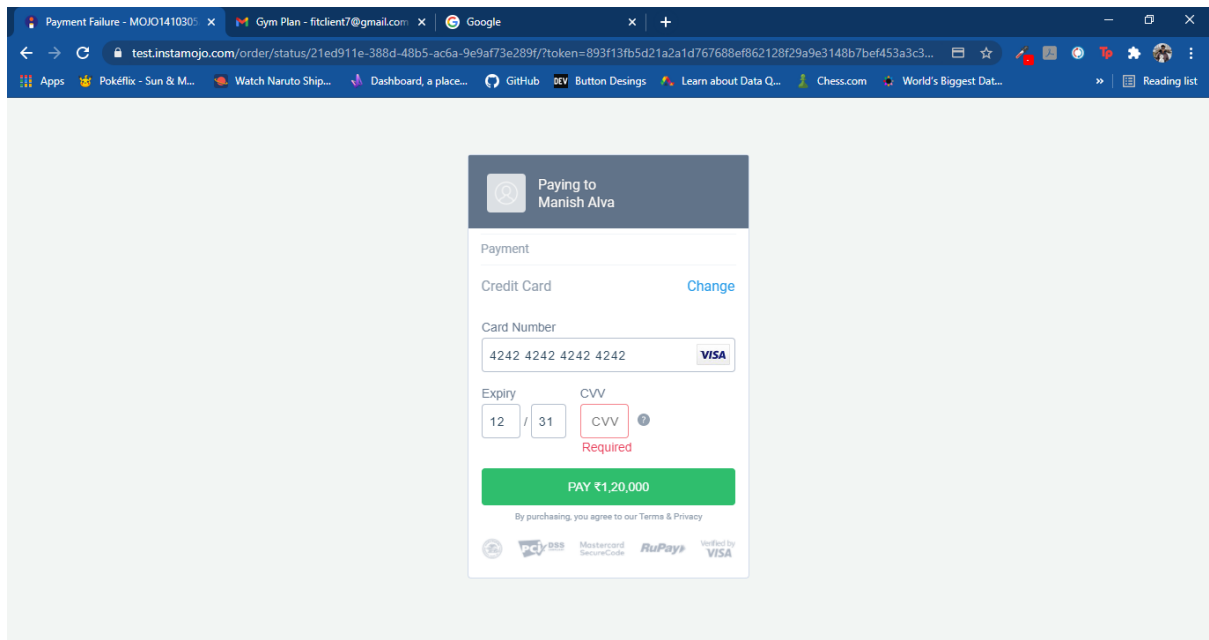

Figure 6.15
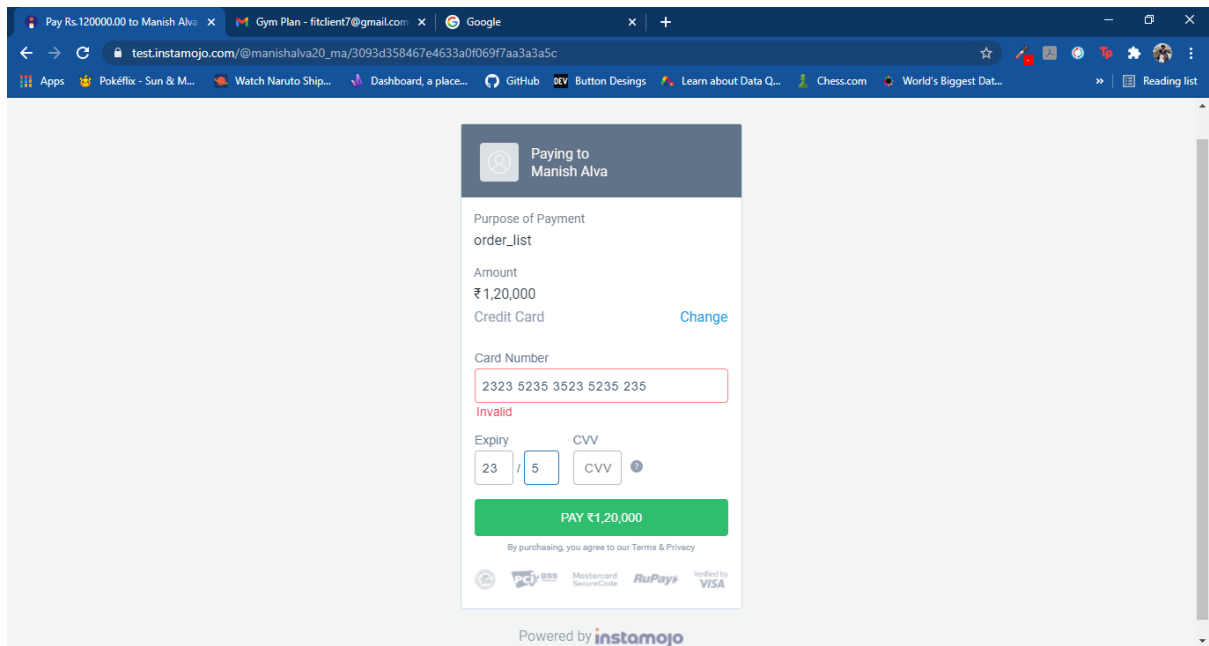
Figure 6.16
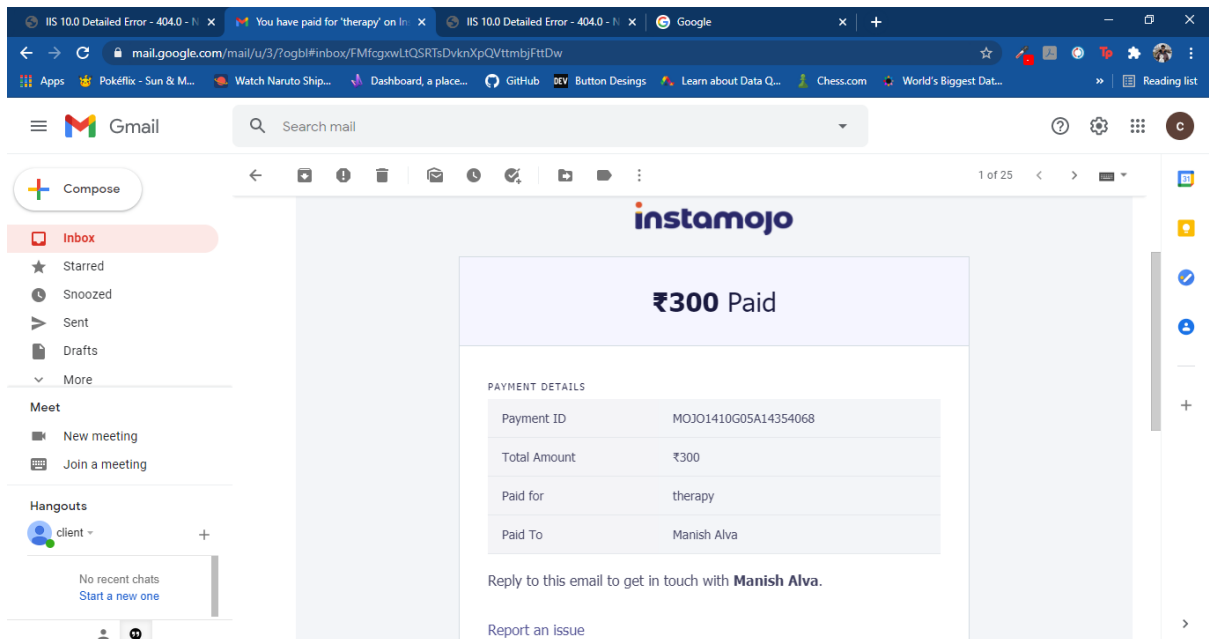

Figure 6.17

Figure 6.18
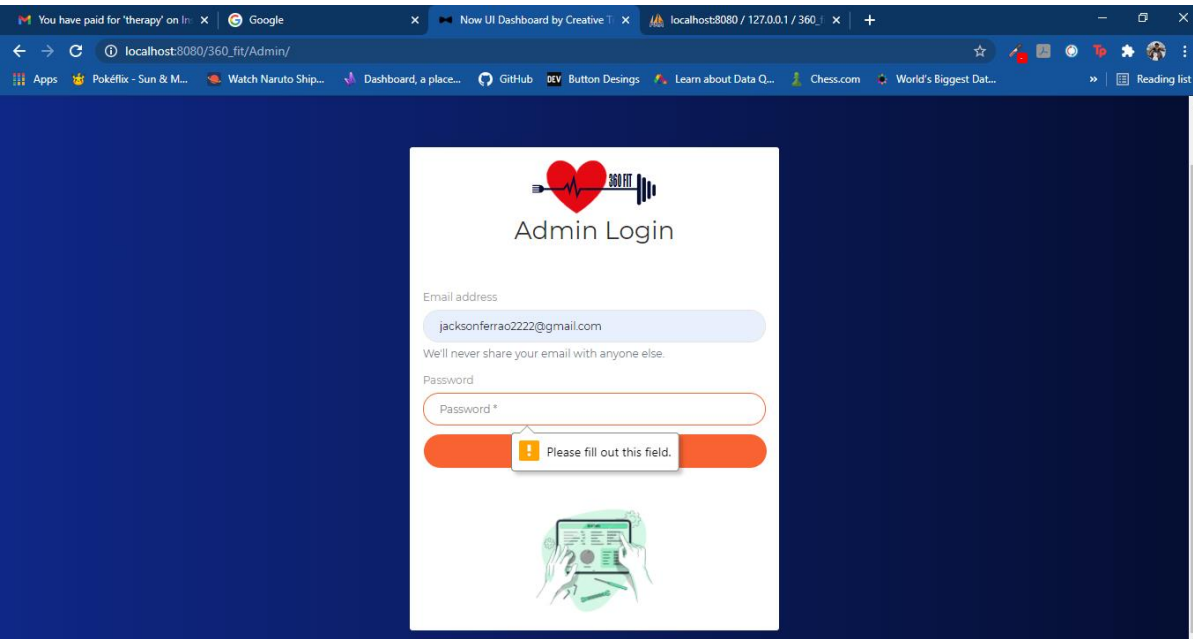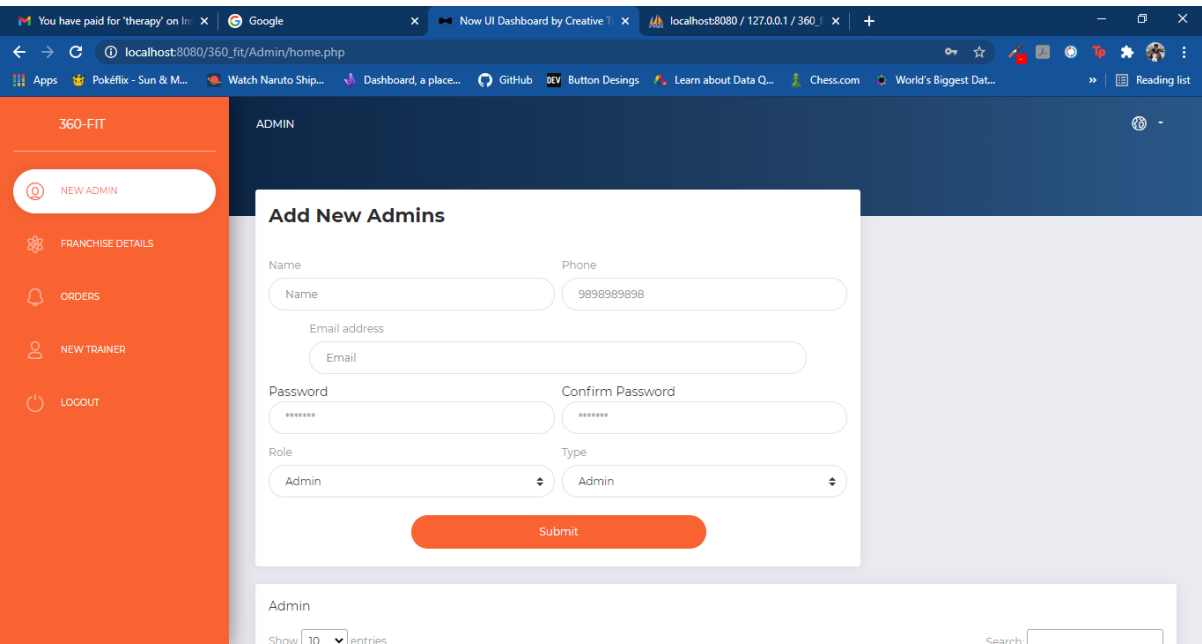

Figure 6.19

11. Admin Login

Figure 6.20

Figure 6.21

6.2 User Documentation

360-FIT is for the fitness freaks as well as for people who are figuring out how to start a journey in fitness. People searching for online consultation can also find their way on the website by filling different consultation forms. There is also a E-commerce section called 360-Shop, which has all fitness related products.

The major functions of this system are:

- Login Page:

    Users who already have an account can enter their email and password to go into the home page.

- Sign-up:

    Users with no registered email will have to sign-up here and register themselves. Each and every information asked here is crutial.

- Home page :

    The home page is a place where users can find all the sections for all activities offered by 360-FIT. On the top there a navbar which will locate the user to Franchise From for the business aspect, to the care section with gym plan and consultation form, shop to buy products and logout tab. Below the navbar there is 'Become a Trainer' section which will redirect to the trainee form. Other parts of this page have the small details of 360-FIT.

- Trainee Form:

    Users wishing to become a trainer can fill this form and our team will get in contact to them as soon as possible. So, entering a correct email is very important.

- Franchise Form:

    Users liking to expand their business through can send in their details by filling this form. Here too mail can be expected as early as possible by the team.

- Consultation Forms / Care:

    In case of any emergency or any kind of health consultation needed then user can fill in this form. There are different types of forms like Doctor consultation, Therapy, Nutrition and Ayurveda.

- Gym Care:

    Users in search of fitness can find perfect forms for the in this section. We provide all kinds of physical trainings online.

- 360-Shop:

All fitness related can be found in this shop. Users just have to view their desired product and place the order.

CHAPTER 7: CONCLUSION

7.1 Conclusion

7.1.1 Significance of the System

- All kind of health related solutions are found here.
- No limitations on number of consultations.
- The website is simple to use and understand, so that people of almost all age groups can use it.
- Users can view their plan too.
- Approachable consultants.
- Secure Payment gateway.

7.2 Limitations of the system
- Processing speed of mail and payment depends on the computer configuration.
- Limited number of products in the shop.
- The user is not notified if the order is delivered.
- Users cannot track their health.
- User cannot track their order.

7.3 Future Scope of the Project
- Uses might be notified about the product delivery..
- The admin part might be handled by multiple users and also a single admin in-case of emergency.
- Offers might also be introduced.
- Shop size can be increased in the future.
- Options might be given to user to track health and delivery.

References

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