**JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY**

**NOIDA-SEC.62**

**CSE**



**<span style="color:red">ALPHA FITNESS</span>**
**WORKOUT MANAGEMENT SYSTEM**

**ADITYA JAMWAL**
**20103283**

**SRIJAN GUPTA**
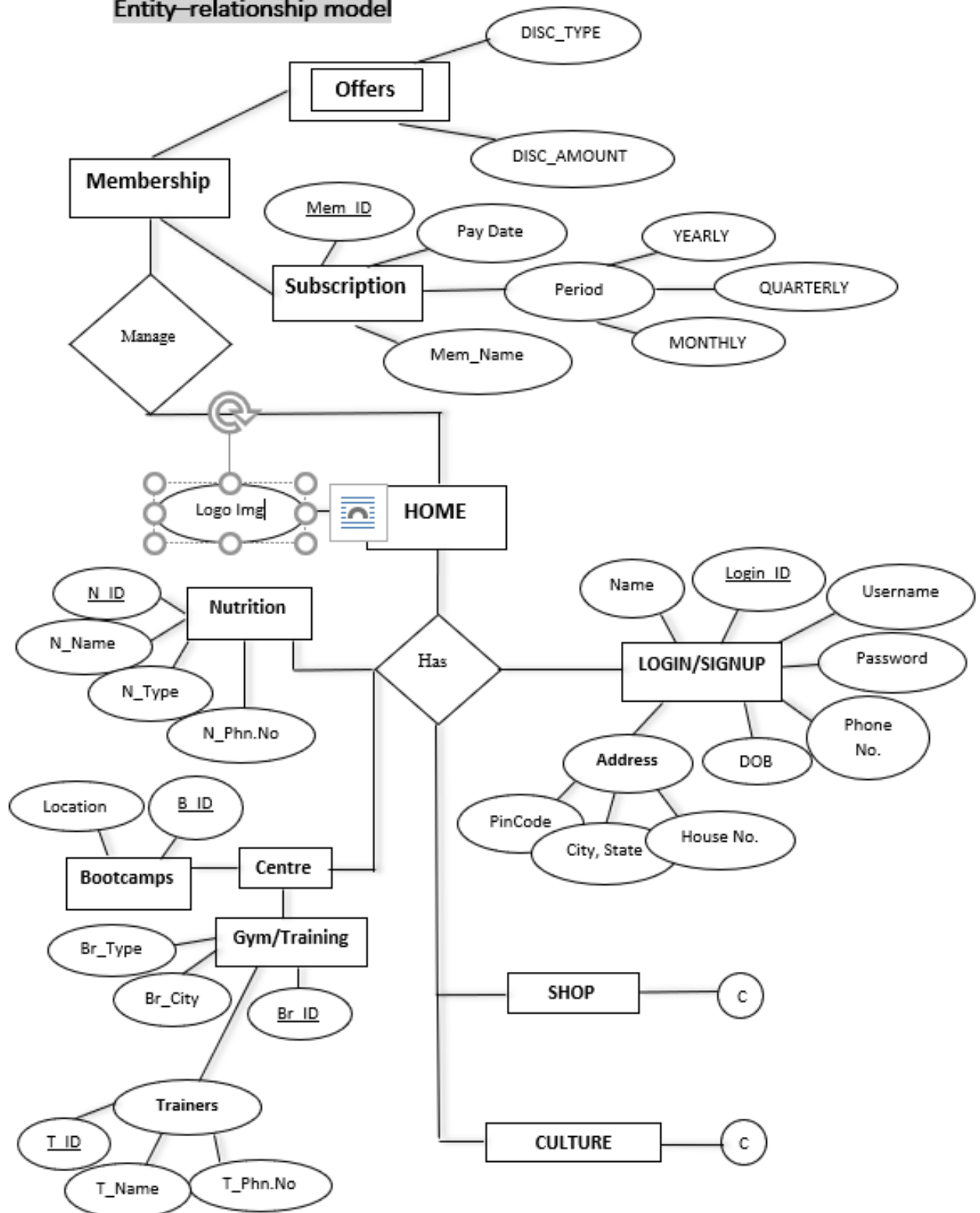**20103286**

**UTKARSH PATHAK**
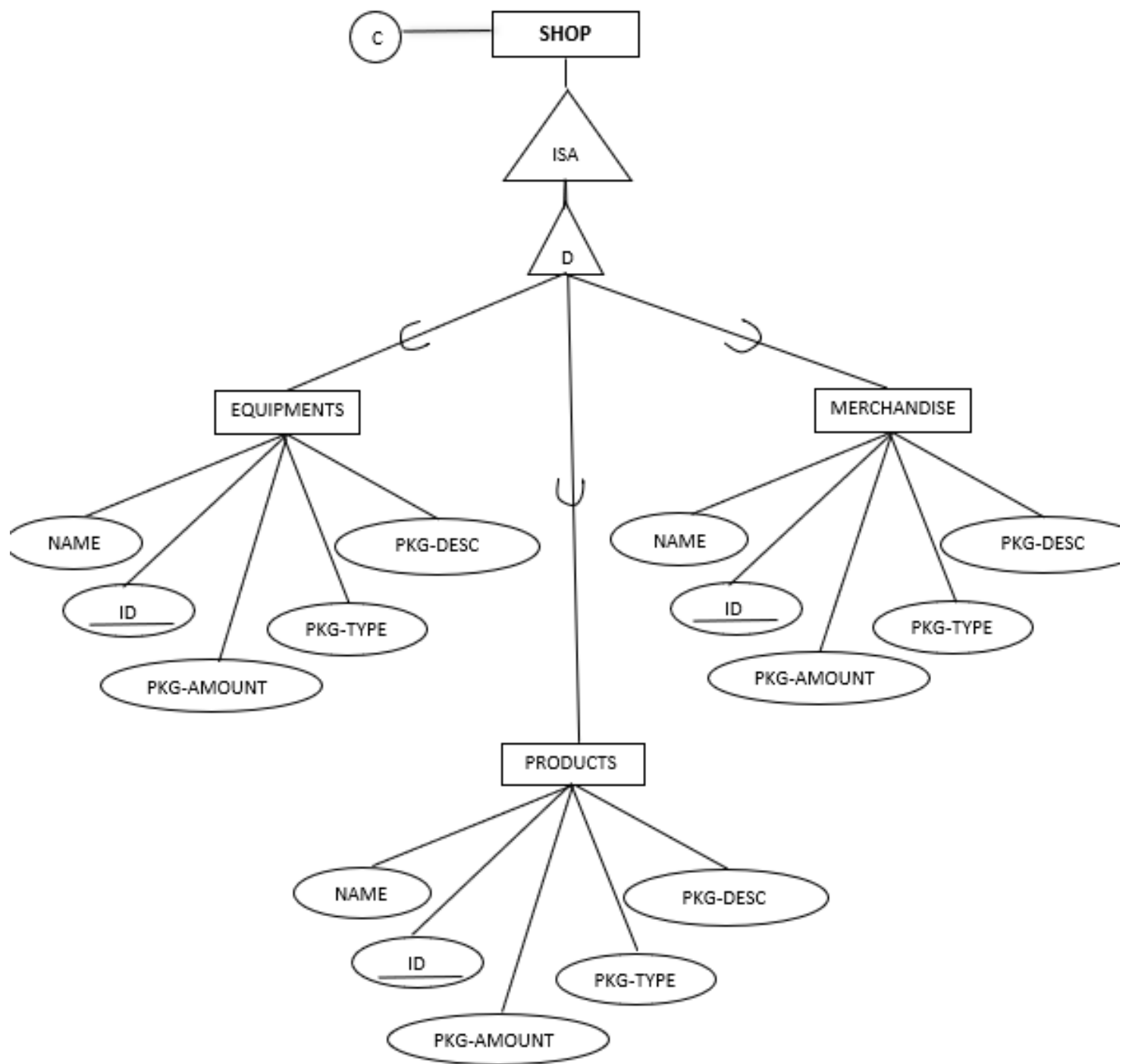**20103289**

**Introduction**

Fitness management is an interdisciplinary software field that blends scientific knowledge of exercise physiology and fitness studies with practical business skills. Nowadays, people are living longer than ever before and are increasingly concerned about maintaining their health and physical fitness. Our project deals with various records over our members, their membership subscription over the website along with gym centres. It includes many details regarding training sessions, bootcamps, travel and nutrition with the ease methods on purchasing equipment and supplements. It also provides various offers over our merchandise and subscription plans. Furthermore, it has quick and easy customer care service with reference mail and hands on contact number for query solving.
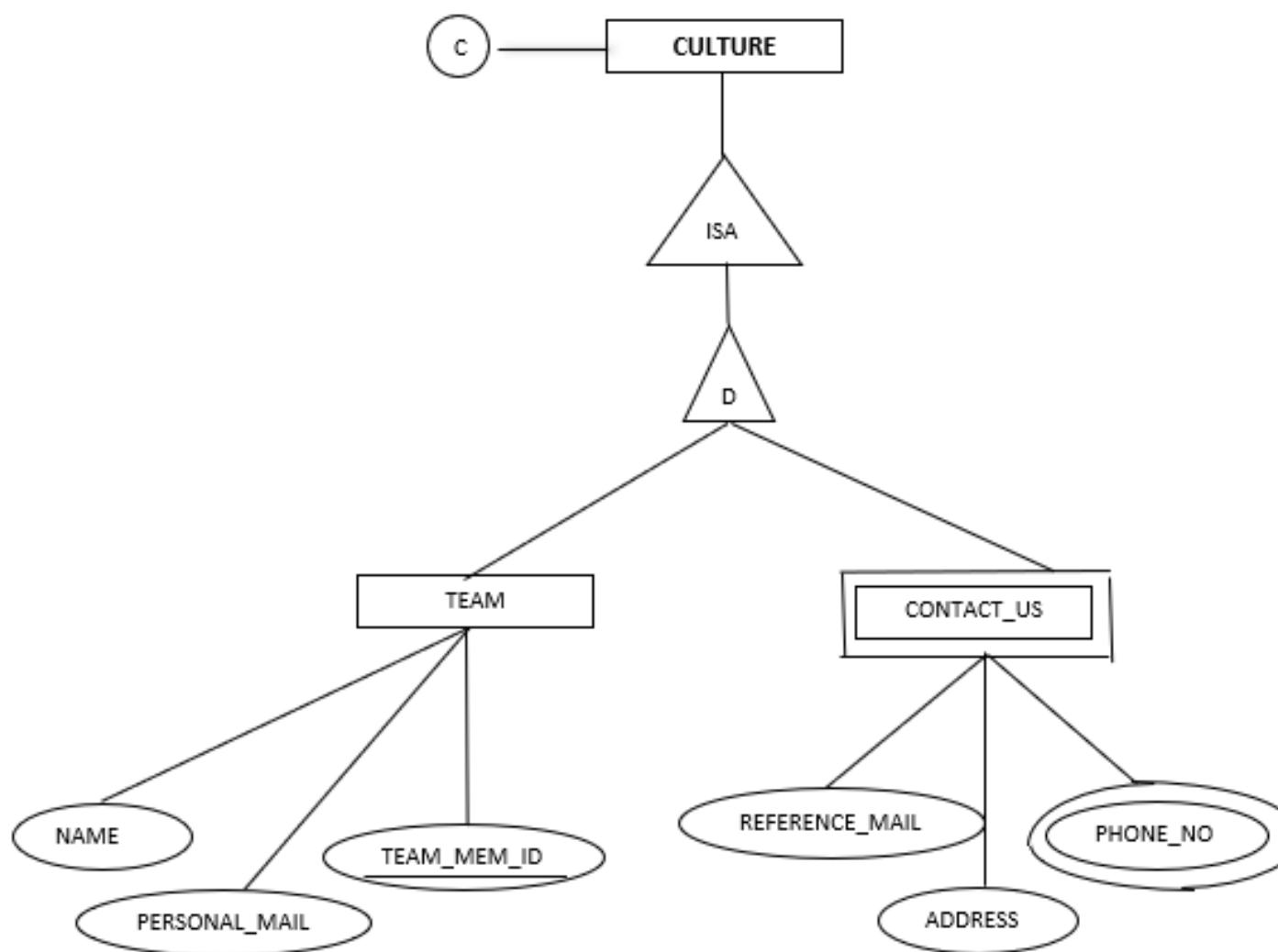
**Objectives**

- The main objective of the project is to develop software that facilitates data storage, data maintenance and its retrieval for the website in an igneous way.
- To develop software which is capable to handle customer and trainers' relationship in effective way.
- To develop website helping the customers for their very own basic requirements to stay healthy both physically and mentally.
- Only the team has the privilege to access and edit database (if necessary).
- Developing a user-friendly system that requires minimal user training.

# Entity–relationship model

**Offers**

DISC_TYPE

DISC_AMOUNT

**Membership**

Mem_ID

Pay Date

YEARLY

**Subscription**

Period

QUARTERLY

MONTHLY

Mem_Name

Manage

Logo Img

**HOME**

N_ID

**Nutrition**

N_Name

N_Type

N_Phn.No

Name

Login_ID

Username

**LOGIN/SIGNUP**

Password

Phone No.

Address

DOB

PinCode

City, State

House No.

**Has**

Location

B_ID

**Bootcamps**

Centre

Br_Type

**Gym/Training**

Br_City

Br_ID

**SHOP**

C

Trainers

T_ID

T_Name

T_Phn.No

**CULTURE**

C

C — SHOP

ISA

D

EQUIPMENTS

NAME
ID
PKG-AMOUNT
PKG-TYPE
PKG-DESC

MERCHANDISE

NAME
ID
PKG-AMOUNT
PKG-TYPE
PKG-DESC

PRODUCTS

NAME
ID
PKG-AMOUNT
PKG-TYPE
PKG-DESC

C — CULTURE

ISA

D

TEAM

NAME

PERSONAL_MAIL

TEAM_MEM_ID

CONTACT_US

REFERENCE_MAIL

ADDRESS

PHONE_NO

# TOOLS AND TECHNOLOGIES:

This project is developed using web programming and it's components like HTML, CSS, JAVASCRIPT, SQL and PHP.

**Tools required to developed the application:**

**HTML**: It defines the content of the application.

**CSS**: It specifies the layout of the application. The styling of the application like you see in the Login and Register page is done using CSS.

**JavaScript**: It is used to program the behaviour of the application. This is used for authentication purposes in the application.

**PHP**: It is a server-side language. Connect the webpages to the database.

**SQL**: Used to create database and store data received from clients in form tables

**XAMPP**: Provides a platform to use php and MySQL.

**Web Browser**: A web browser (commonly referred to as browser) is a software application for retrieving, presenting and traversing information resources on the World Wide Web.

**Pc/System**: All operations are performed on this device. It falls under the category of hardware requirements required for carrying out the project.

# OUTPUT SCREENSHOTS OF PROJECT

## HOME PAGE:

Make yourself stronger than your excuses.
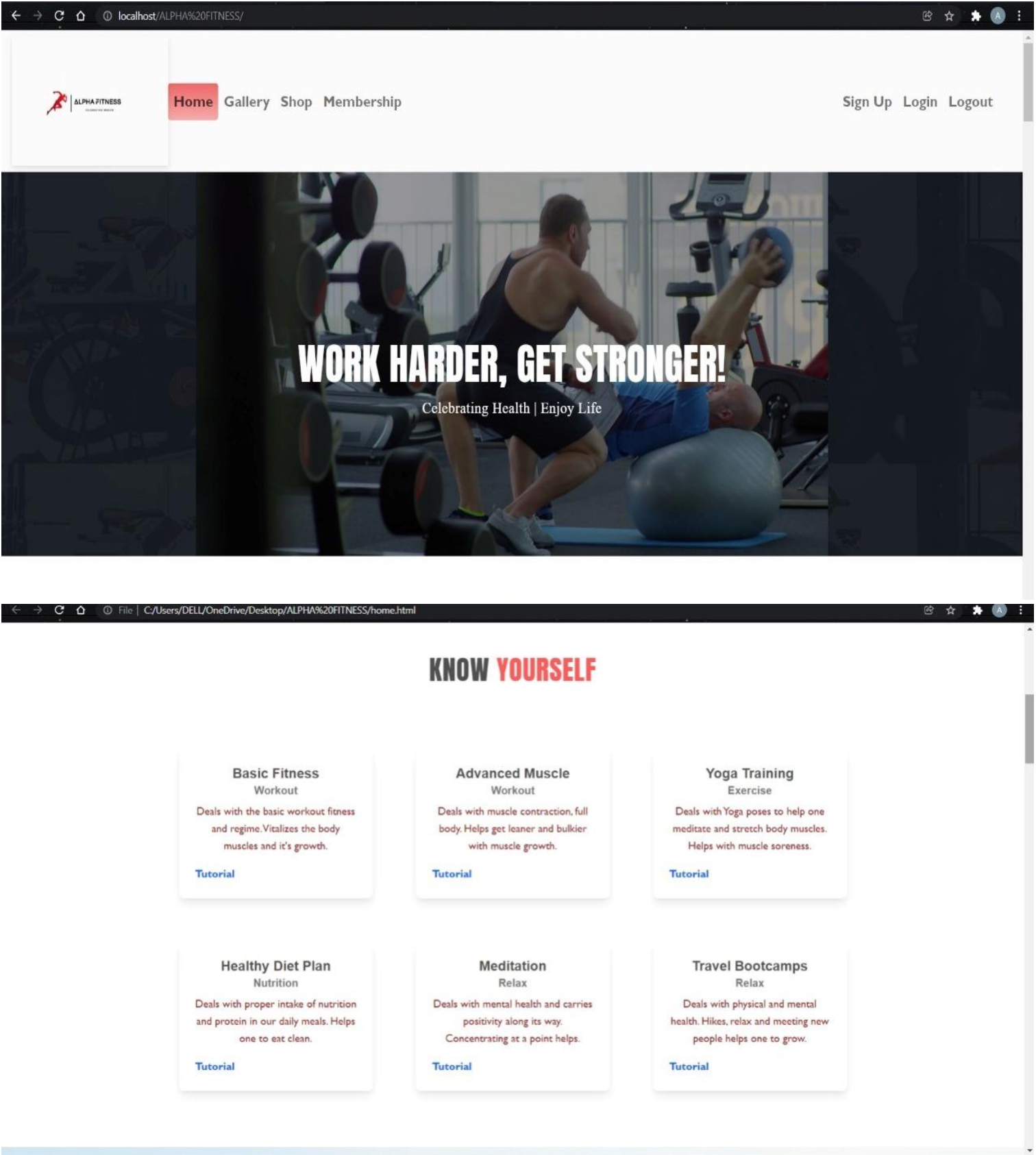
## OUR TRAINERS

### Jessie James

Youtuber | Gym Enthuisiast |
Bodybuiler | Ripped
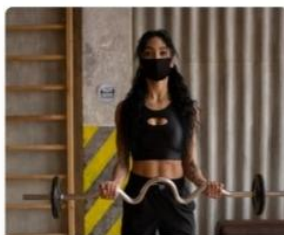
**CONTACT**

### Andrea Shaw

Female Gym Trainer | Passionate |
Nationalist Builder

**CONTACT**

### Chris Heria

Bodybuilder | Ripped | Traveller |
Nutritionist

**CONTACT**
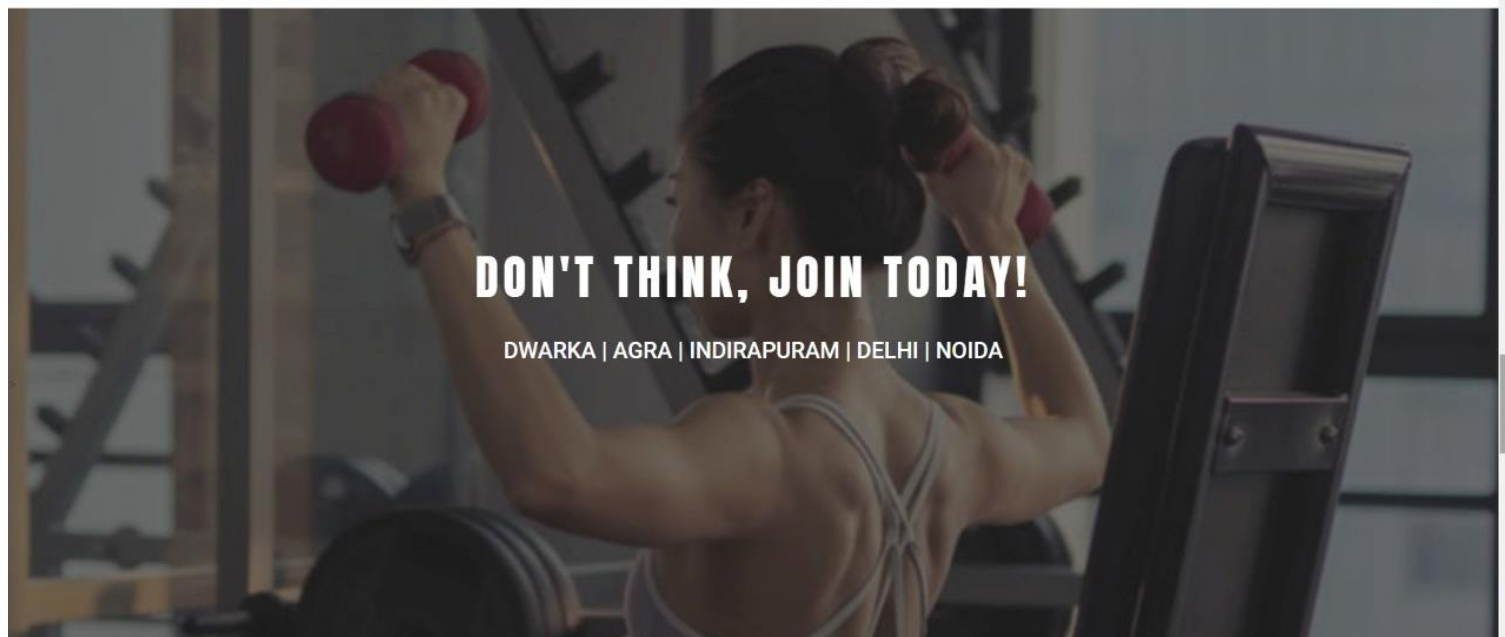
# DON'T THINK, JOIN TODAY!

## DWARKA | AGRA | INDIRAPURAM | DELHI | NOIDA

# FIND US HERE!
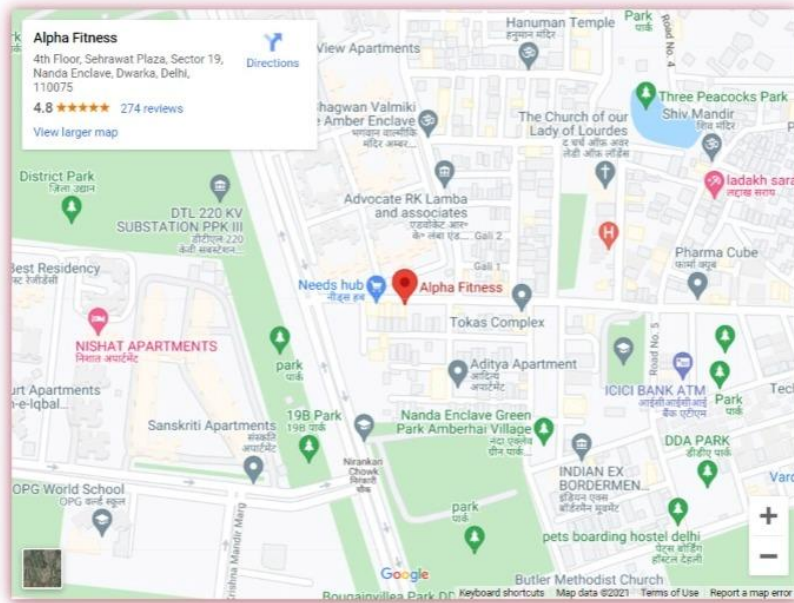
# OUR TEAM



**SRIJAN GUPTA**

Student at JIIT Noida

20103286 | B10 | CSE | Prayagraj



**ADITYA JAMWAL**

Student at JIIT Noida

20103283 | B10 | CSE | Ghaziabad



**UTKARSH PATHAK**

Student at JIIT Noida

20103289 | B10 | CSE | Agra

## GALLERY:
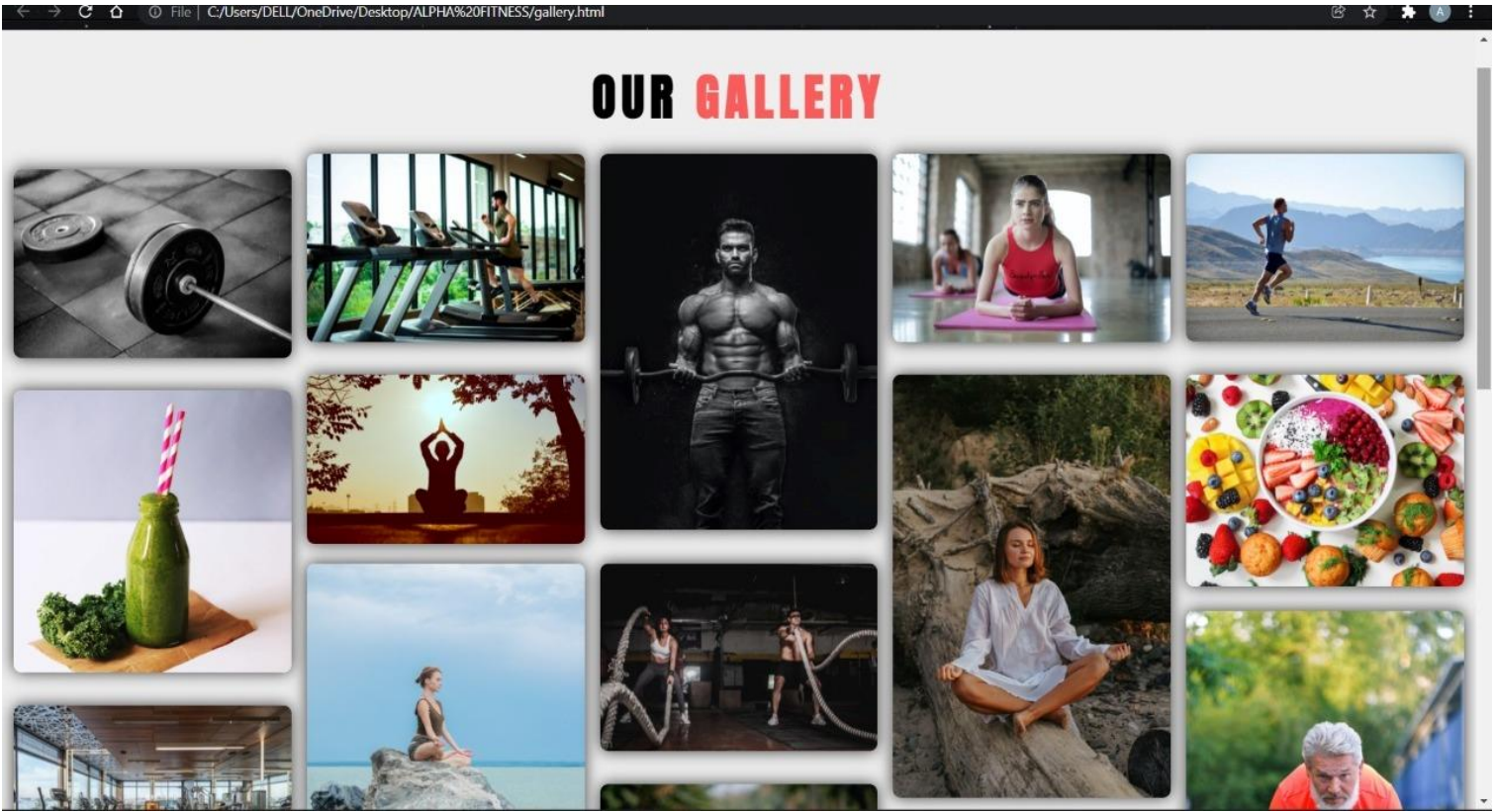


## MEMBERSHIP:

# MERCHANDISE:



Browser address bar: File | C:/Users/DELL/OneDrive/Desktop/ALPHA%20FITNESS/shop.html
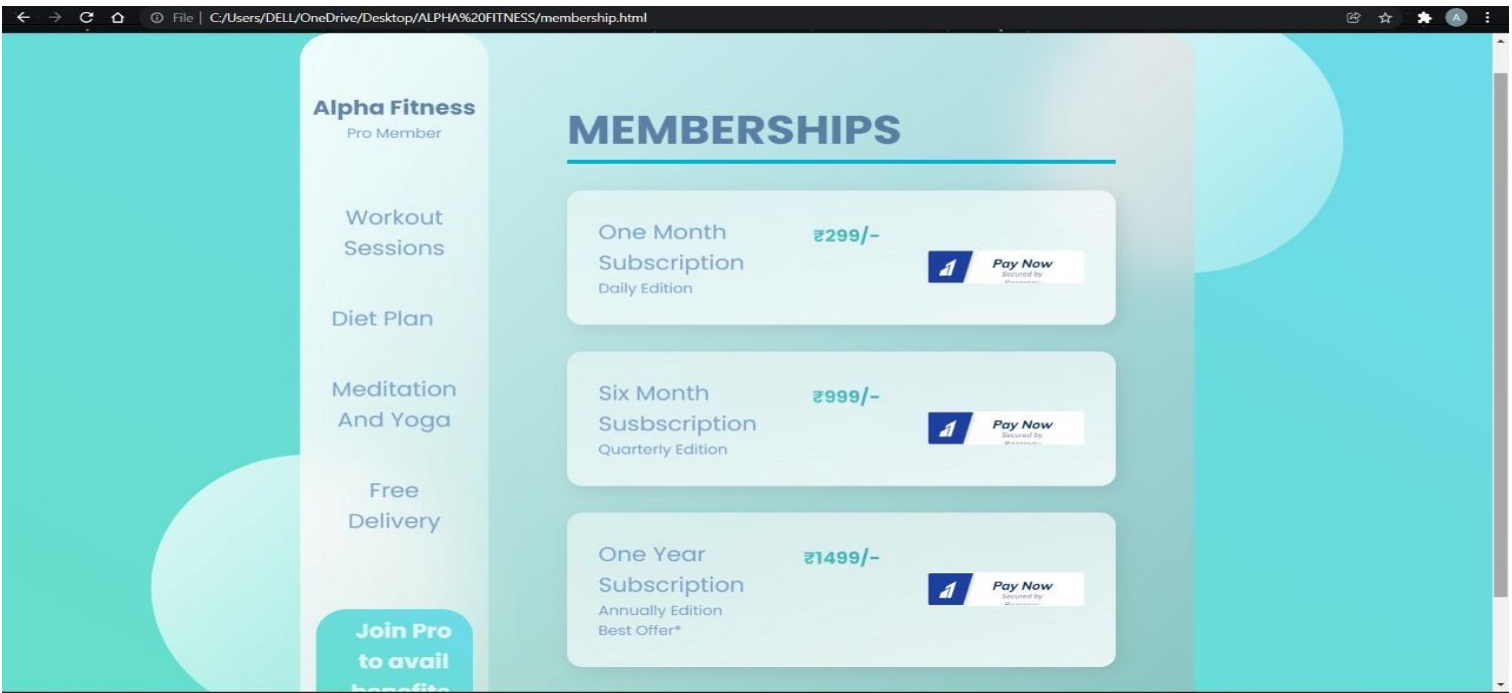
## Max Air Impact

Soft Cushion |Reducing Weight |Light Foam |Rapid Boost

8    9    10    11

**Purchase**

## Nike Running

Iconic Sole | Stitched Overlays | Light Weight | Speed Boost

8    9    10    11

**Purchase**

## Bel Air Jordan

Iconic Sole | Stitched Overlays | Light Weight | Speed Boost

8    9    10    11

**Purchase**



Browser address bar: File | C:/Users/DELL/OneDrive/Desktop/ALPHA%20FITNESS/shop.html
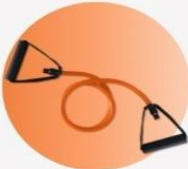
## Resistence Tube

Iconic Sole | Stitched Overlays | Light Weight | Speed Boost

**Purchase**

## Skipping Rope

Iconic Sole | Stitched Overlays | Light Weight | Speed Boost

**Purchase**

## Resistence Band

Iconic Sole | Stitched Overlays | Light Weight | Speed Boost

**Purchase**

# SIGNUP PAGE:
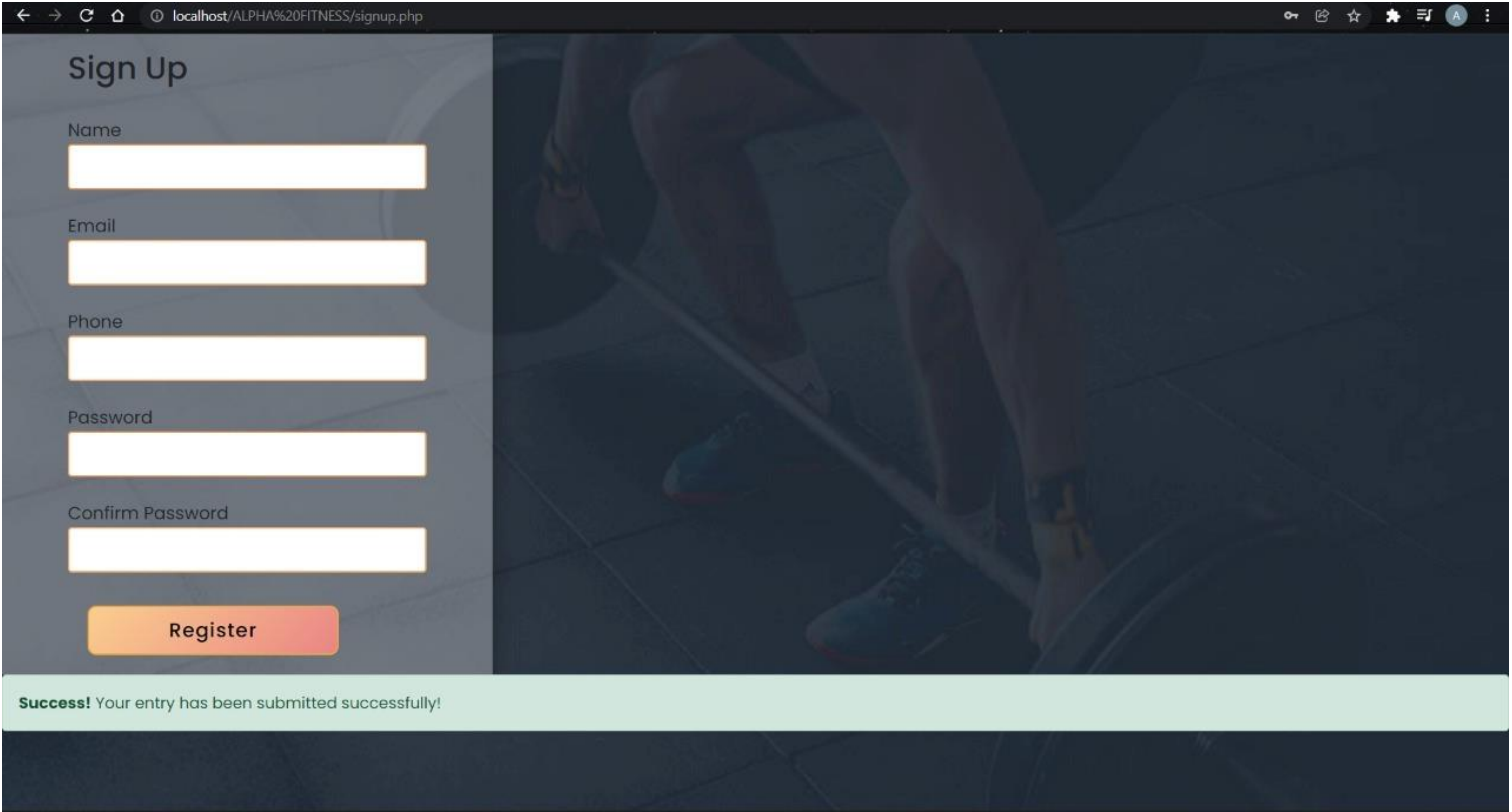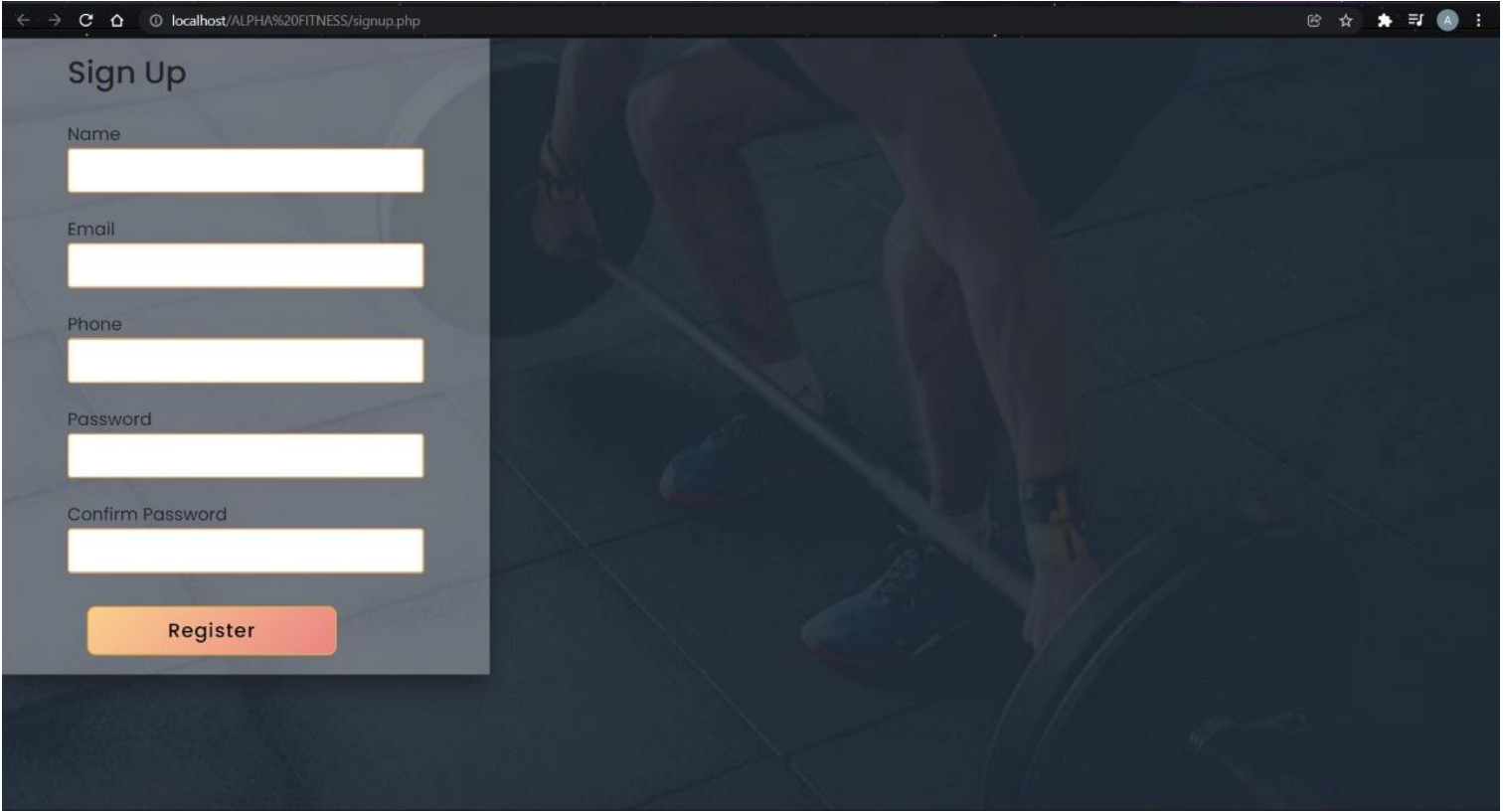
## LOGIN PAGE:
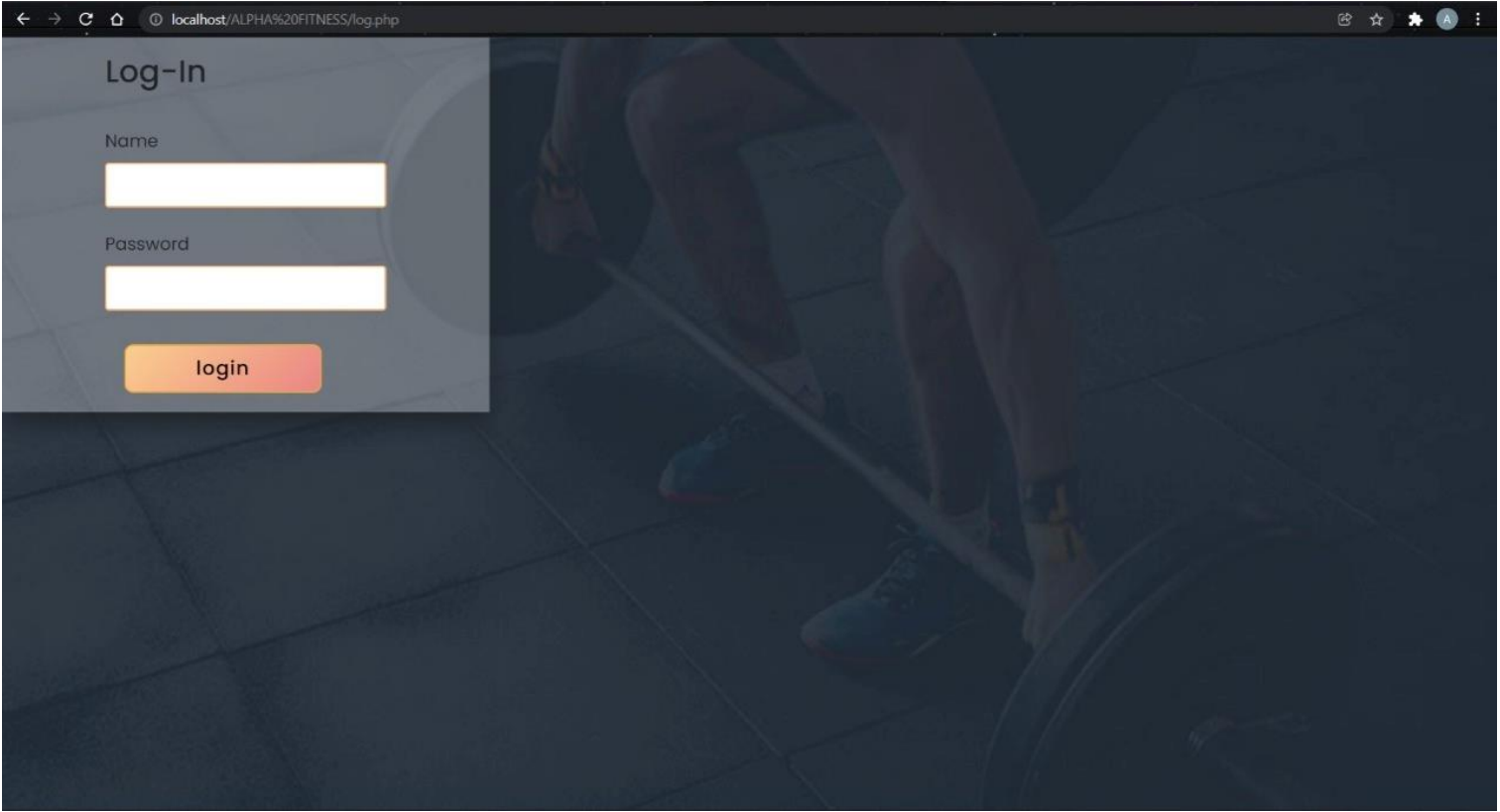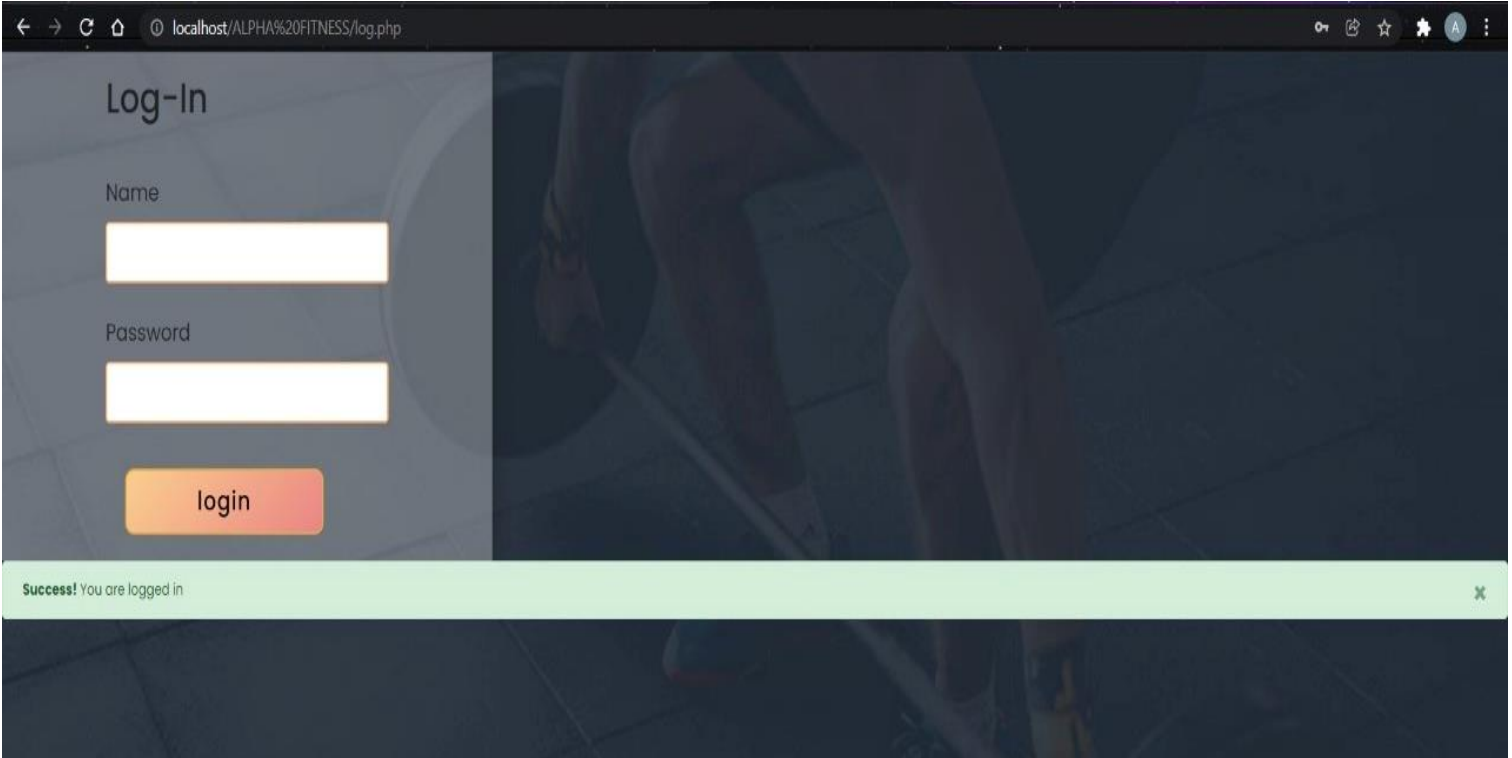
# Razorpay Payment Gateway
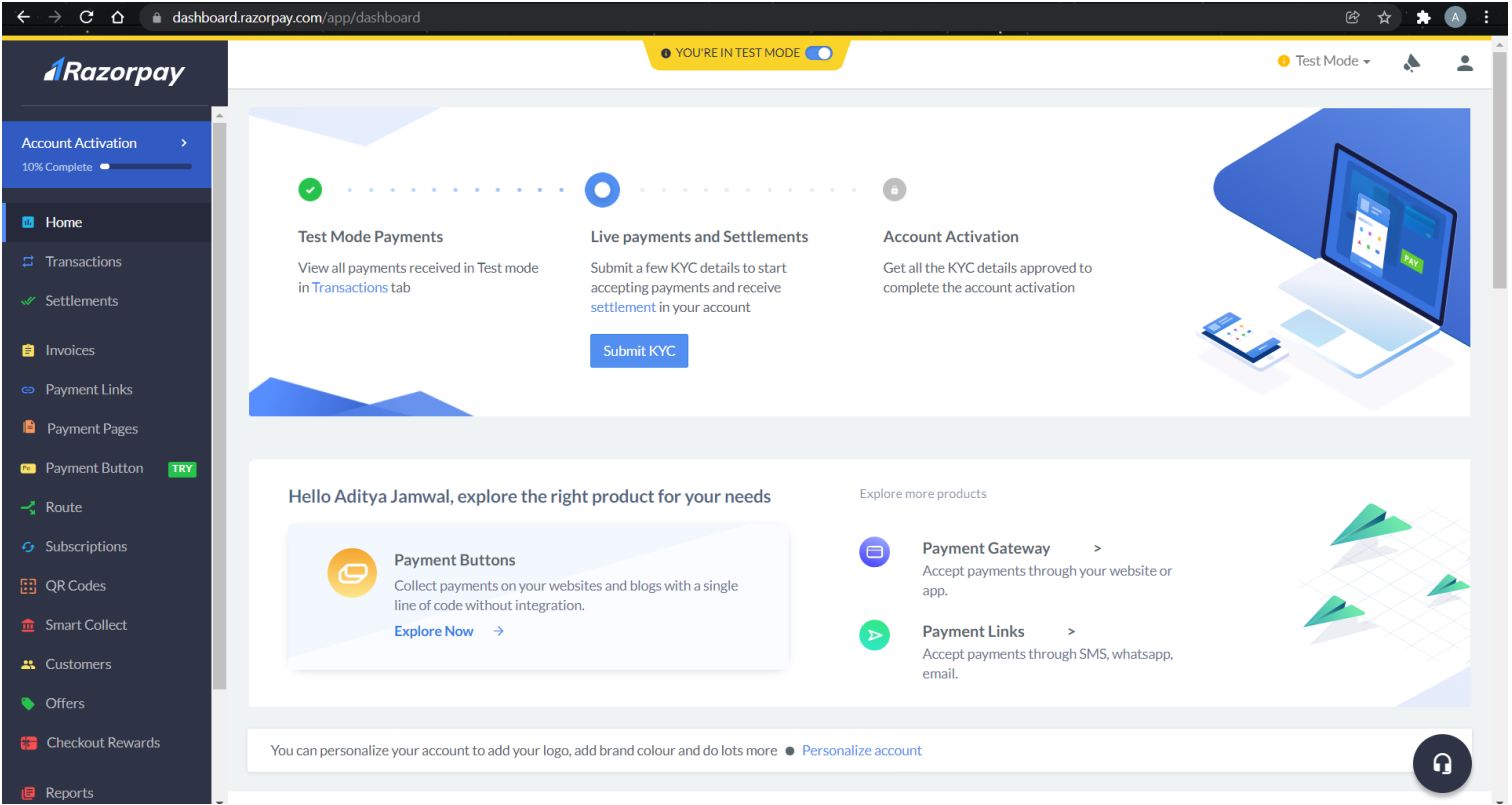


# Buttons (Memberships)

| Title | Status | Count | | | | | |
|-------|--------|-------|---|---|---|---|---|
| | All | 25 | Search | Clear | | | |

| Title | Total Sales | Item Name | Units Sold | Created At | Status | Actions |
|-------|-------------|-----------|------------|-----------|--------|---------|
| One Year Subs. | ₹ 1,499.00 | Amount | 1 | 07 Dec 2021, 06:09:15 am | Active | GET BUTTON CODE |
| Six Month Subs. | ₹ 1,998.00 | Amount | 2 | 07 Dec 2021, 06:01:22 am | Active | GET BUTTON CODE |
| One Month Subs. | ₹ 897.00 | Amount | 3 | 07 Dec 2021, 05:50:10 am | Active | GET BUTTON CODE |

Showing 1 - 3

| Payment Volume | Number of Payments | Number of Refunds |
|----------------|--------------------|--------------------|
| ₹4.39k | 6 | 0 |

Hourly  **Daily**  Weekly  Monthly       By Total Volume



Graph last updated an hour ago                    View all payments from this date range
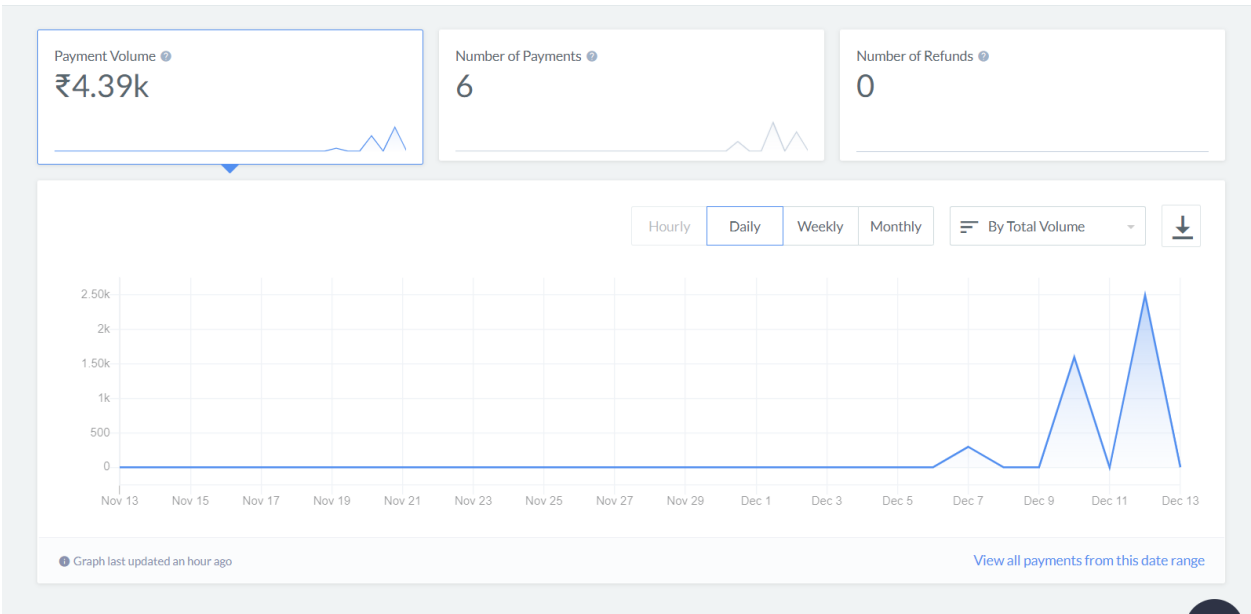
In this project various tables have been used for maintaining the information.

**Alphafitness database**: This database contains 4 different tables (Customers, Login-id page, Membership, Products).
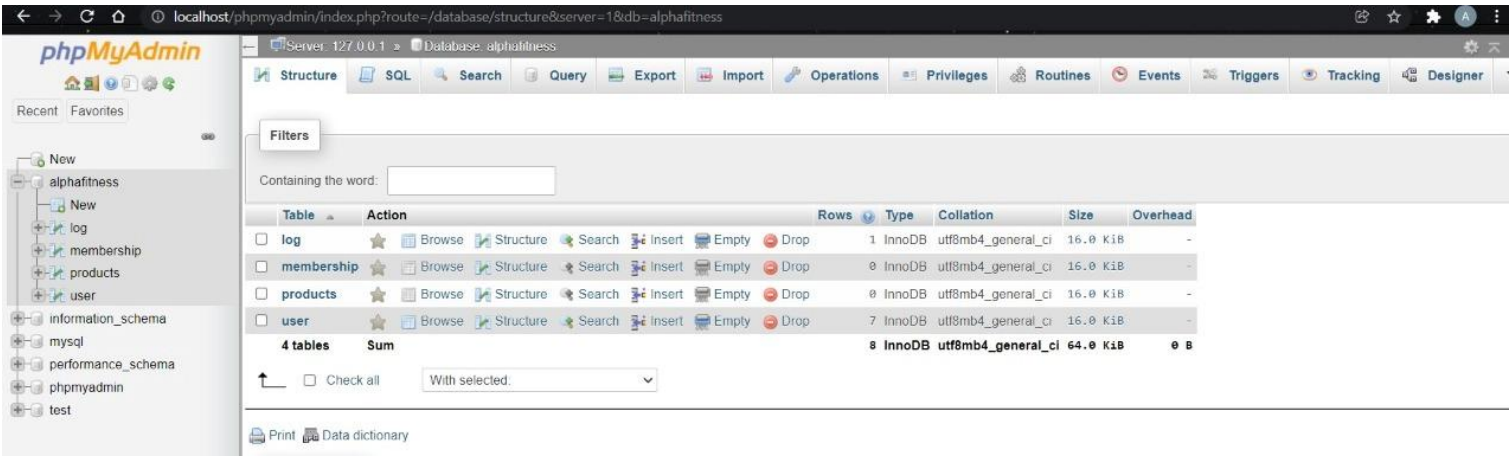


**Membership Table:** This table contains information regarding various membership plans provided by our company.
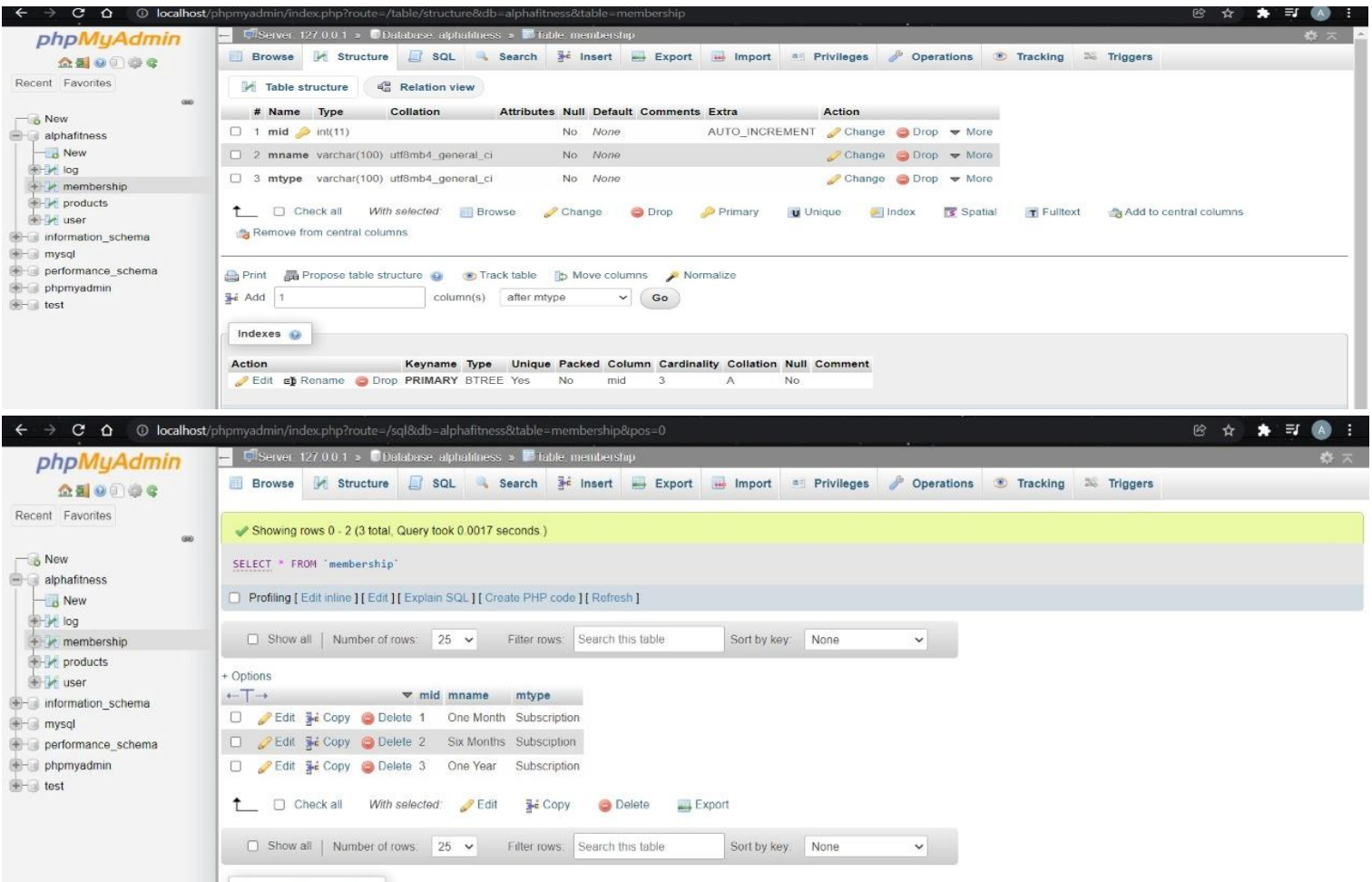
**Customer Table:** This table contains information about the users who sign-up on our website.

**Product Table:** This table contains products which we offer as our merchandise on our website to shop.

**Login Table:** This table contains the name of persons who have logged in after signing up on our website.

# SCOPE

The user of this system is being able to manage and control all necessary activities of our website. The information management provided by the system has a great advantage to reduce records errors associated with merchandise shop of our branch. The system is handling all aspects of the inventory control function. It allows the Administrator, delete and modify the current items in the shop as well as include new items through queries in database.

Furthermore, the system will make the process of signing up and logging in/out convenient than any before. On other hand, our project displays various different means to promote one's health both physically and mentally. Keeping detailed records of customers who have enrolled in our membership programs and subsequently updating the admin dashboard.

Also, a system allows to know the who have logged in to our website through valid credentials. Form validation is on point with case sensitive and minimum requirements of passwords to be fulfilled. The authority to update/delete/modify details is only to the administrators involved. Future scopes for this project may involve cart system to print out invoice via payment gateway where the customer can buy gym equipment and supplements.

## REFERENCES

**W3schools**          **Geekforgeeks**          **Javapoint**

# Thank You