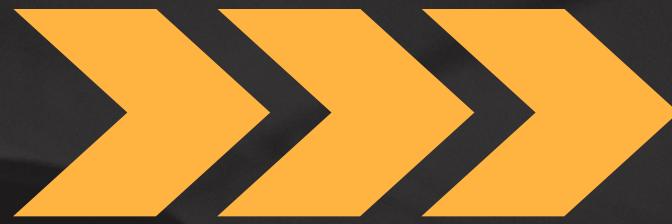




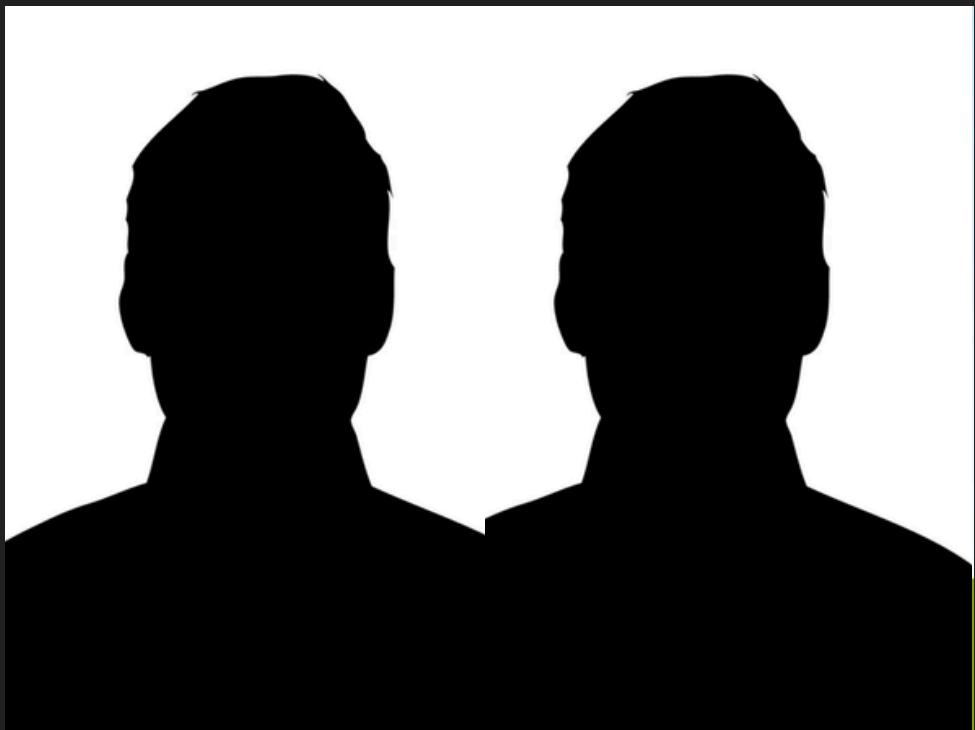
FITFUSION

Empower Your Fitness Journey

START SLIDE



GROUP MEMBERS



Al-Amin,Guray

FrontEND (HTML,CSS)



Thuraiya

BackENDPython script



Mohammad

Database and SQL



FIT FUSION



CONTENTS

01 Overview

02 How It Works

03 User Experience

04 Conclusion

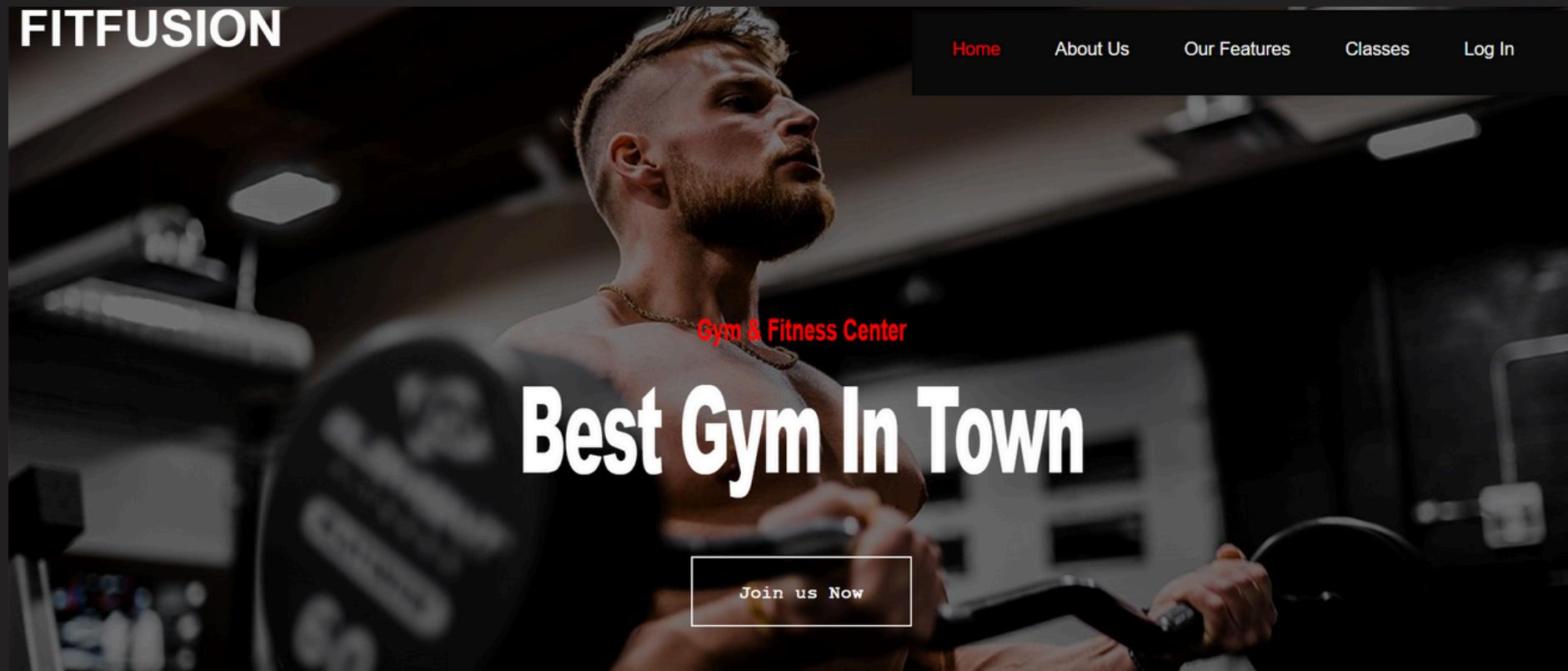


WELCOME TO FITFUSION

our gym recommendation system

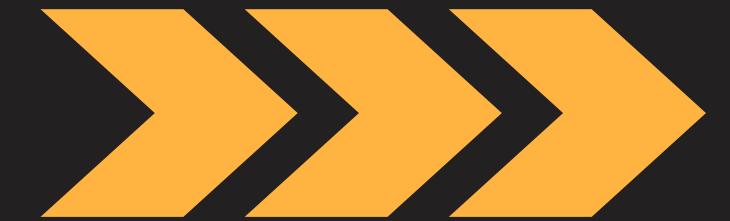
Overview

HOME PAGE



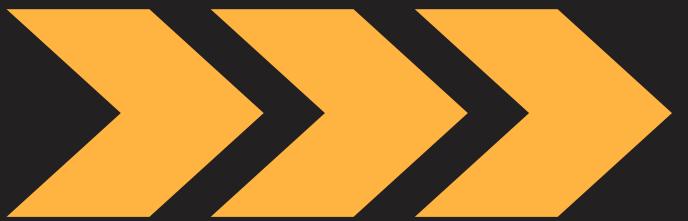
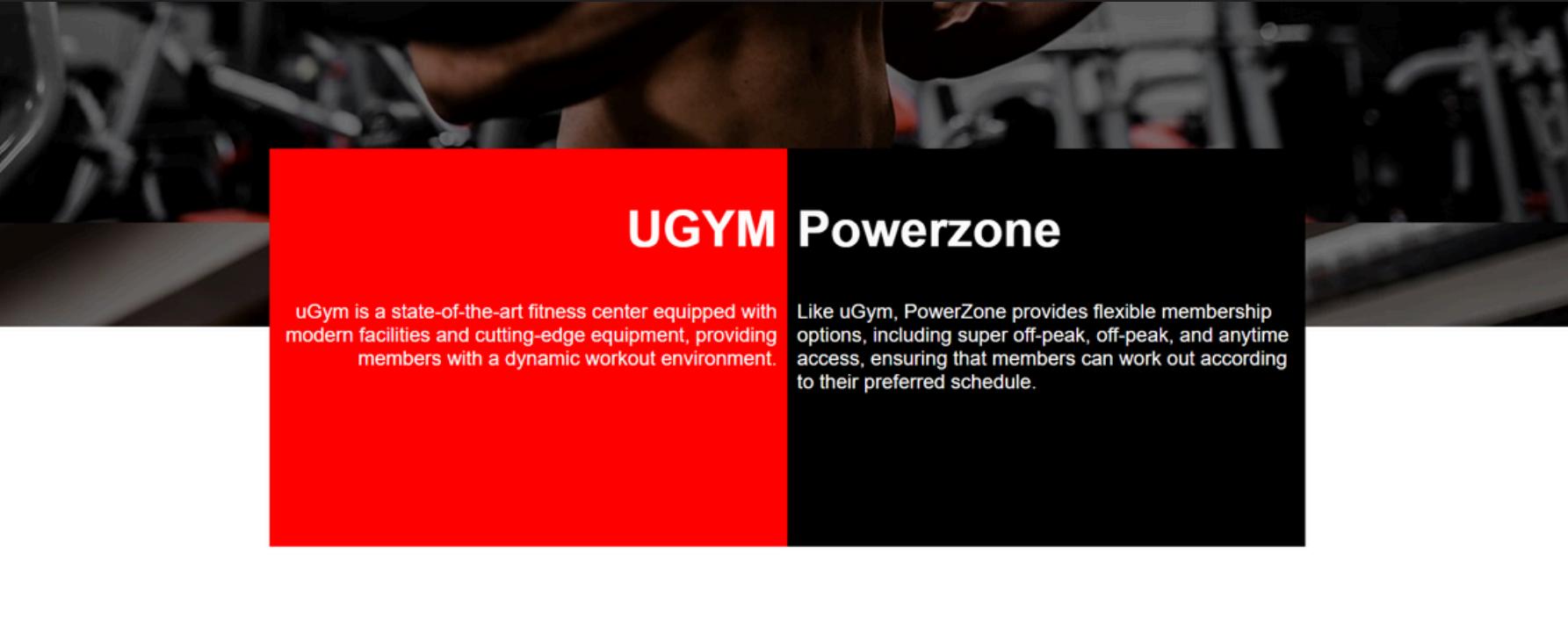
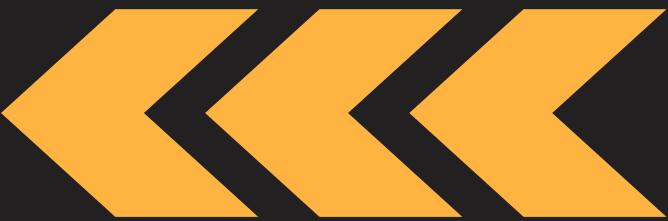
Homepage

navigation



Responsive Design

OUR FEATURES PAGE



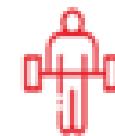
Discover Fitness Centers: uGym and PowerZone

WHY FITFUSION?

Gym Recommendation System



Our platform is designed to assist you in finding the perfect gym tailored to your specific needs and preferences. The system utilizes advanced algorithms to match you with the ideal gym facilities in your area. Simply input your criteria, and workout preferences, and let our system do the rest. Say goodbye to endless searching and hello to a personalized fitness journey with our Gym Recommendation System.



Time Efficiency

Instead of spending countless hours sifting through numerous gym options, our recommendation system streamlines the process, presenting you with tailored suggestions promptly. Say goodbye to wasted time on

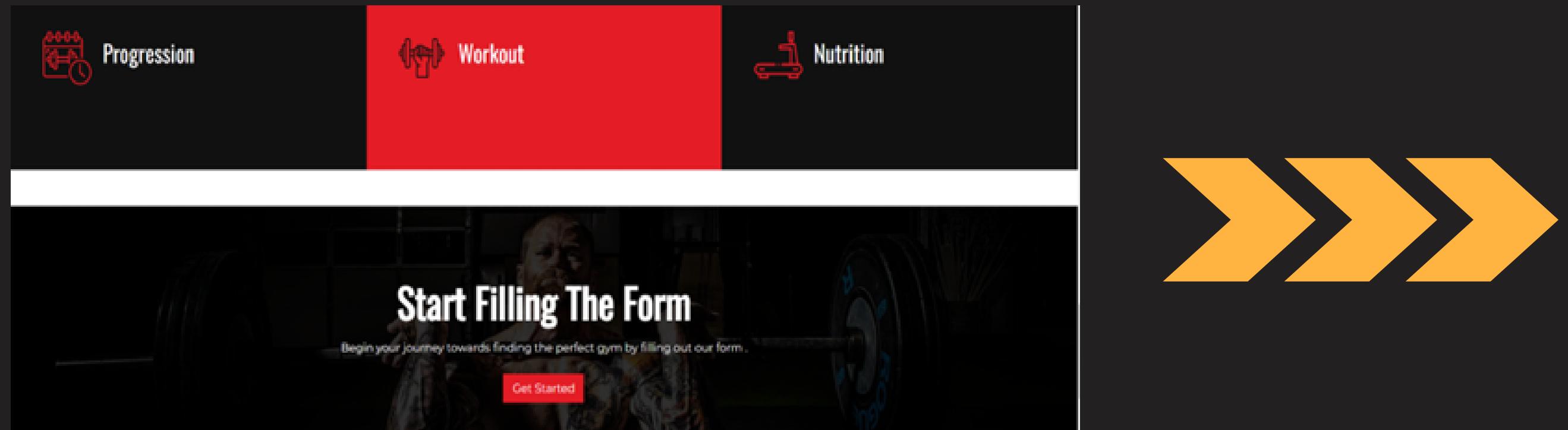


Enhanced Satisfaction

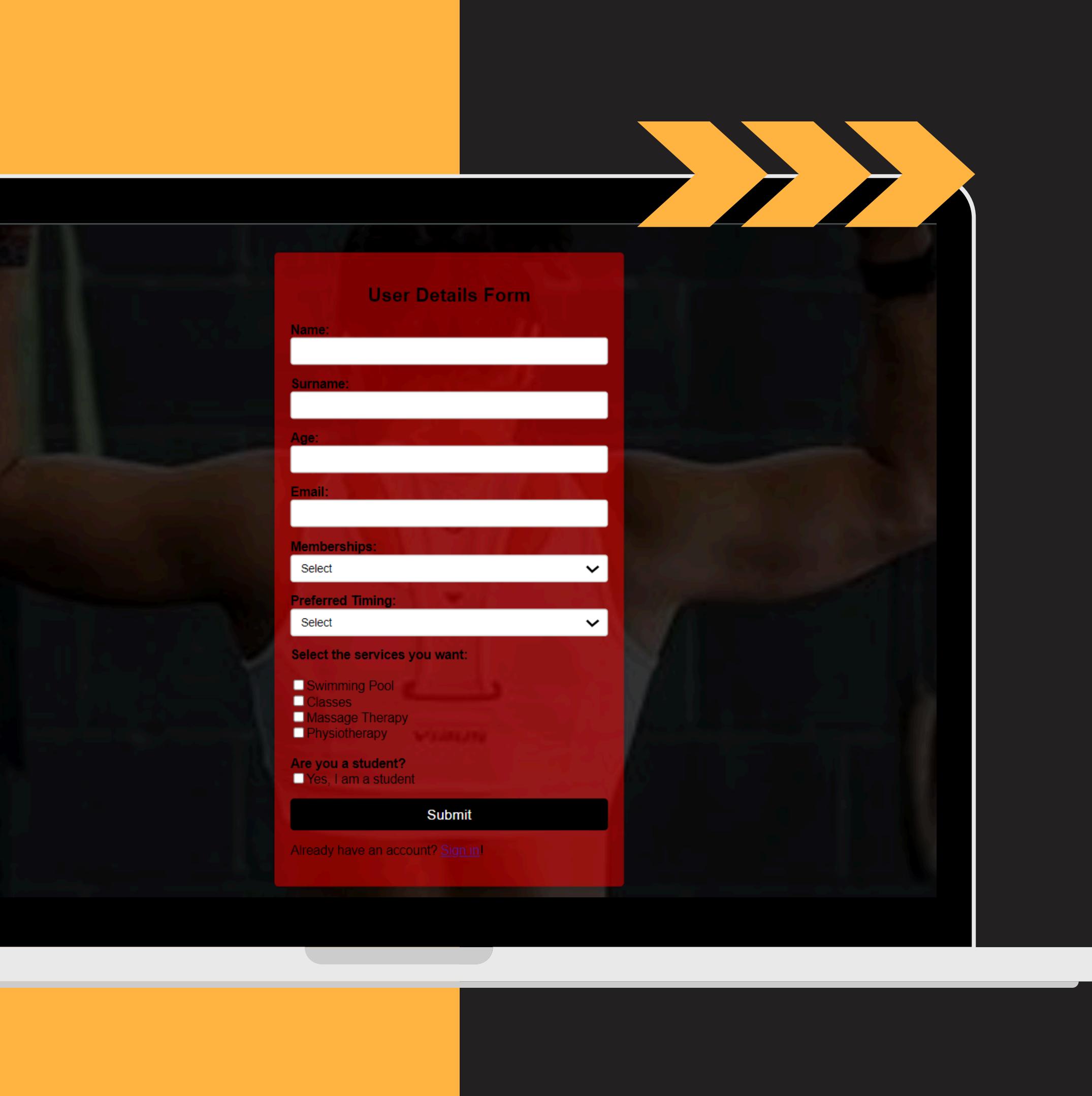
By leveraging our recommendation system, you'll embark on a fitness journey that's uniquely suited to your needs and preferences. This personalized approach increases the likelihood of finding a gym that not only

Introducing the recommendation System

GET STARTED



Begin Your Fitness Journey By clicking Get Started to start filling the form



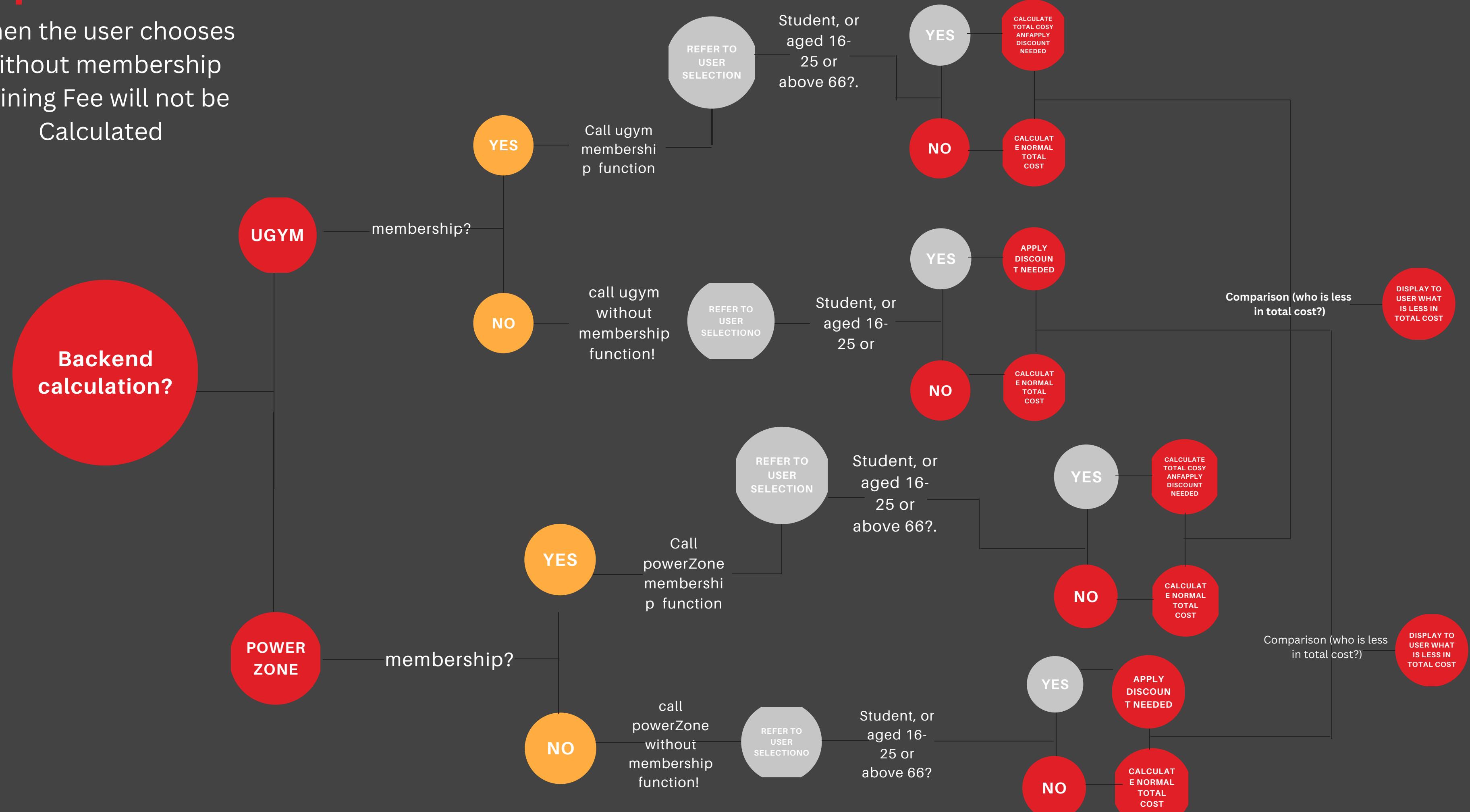
FORM LAYOUT

important conditions to consider:

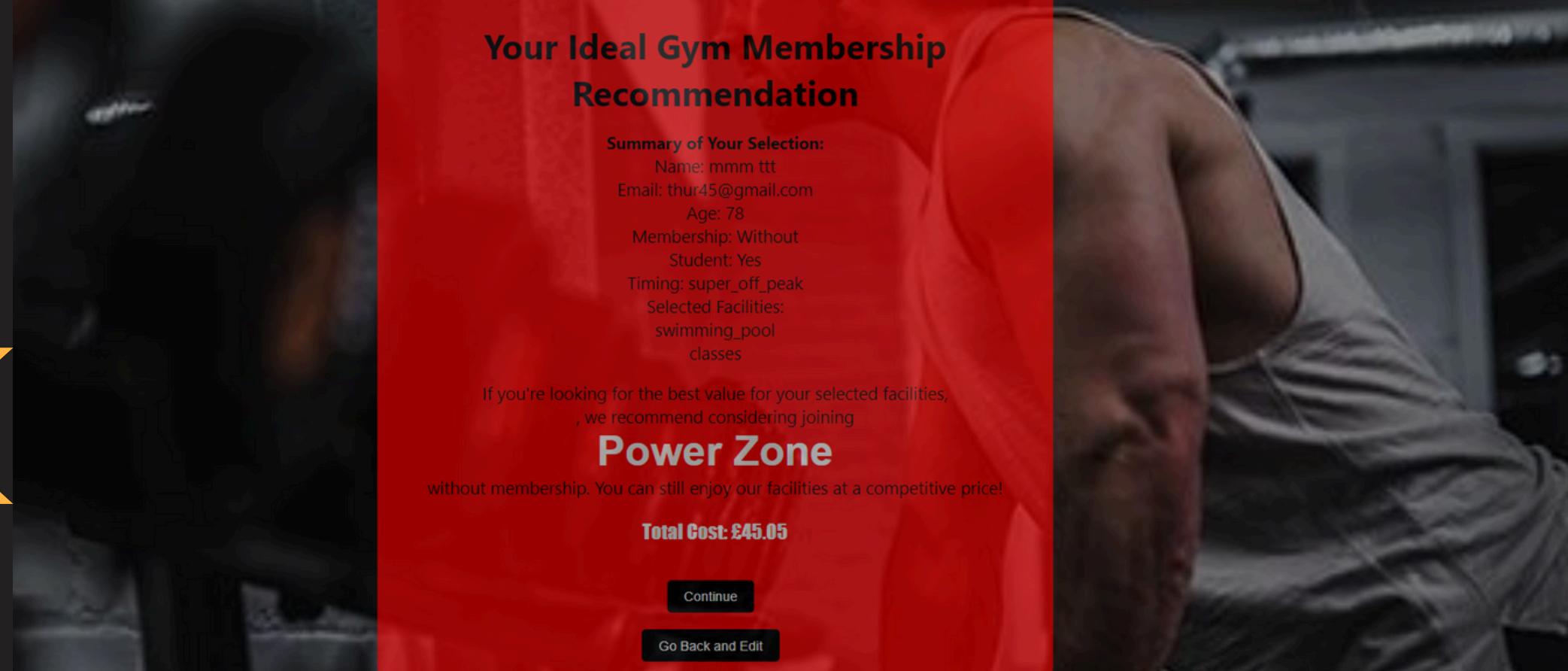
- Age must be 16 or above
- Students and for those aged between 16 and 25, enjoy discounts, Also, individuals aged 66 and above
- These discounts are applied at both uGym and Power Zone, although the discount percentages may vary.
- Our system's algorithm calculates the final costs, factoring in these discounts.

Important note:

When the user chooses
without membership
Joining Fee will not be
Calculated



GYM MATCH PAGE



A red rectangular overlay on a background image of a person's torso and shoulder area, possibly during a workout.

Your Ideal Gym Membership Recommendation

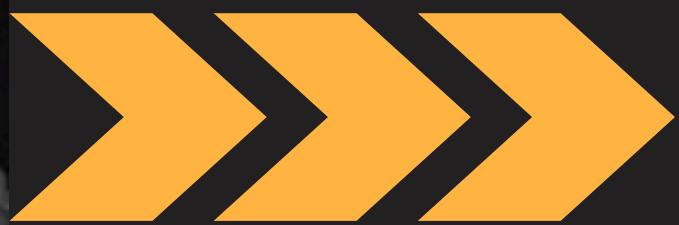
Summary of Your Selection:

- Name: mmm tt
- Email: thur45@gmail.com
- Age: 78
- Membership: Without
- Student: Yes
- Timing: super_off_peak
- Selected Facilities:
swimming_pool
classes

If you're looking for the best value for your selected facilities, we recommend considering joining **Power Zone** without membership. You can still enjoy our facilities at a competitive price!

Total Cost: £45.05

[Continue](#) [Go Back and Edit](#)



Top Gym Recommendation

navigation

Tailored Facilities

LIMITATION?

IN PYTHON PART

Enhancing Data Management for Gym Services

- utilized dictionaries to efficiently store the various values and services offered by the gym, categorizing them by membership types.



IMPROVE?

- STORING THE INFORMATION IN A DATABASE.
- ENHANCE AND FACILITATE UPDATES AND MAINTENANCE.
- STORING THE DATA IN SQL, AND THEN QUERYING THIS DATA WITHIN OUR PYTHON SCRIPT.



CONFIRMATION



Fill your personal card details

By continuing, the payment should
go through to Join the Gym

Confirmation Page

A membership ID will be generated

Storing Data into a Database

There are three tables in the database which we use to store the users' data in (pinfo - sinfo - finfo)

Personal Information Table:

- name: varchar
- surname: varchar
- age: integer
- email: varchar (must be unique for each user) (primary key)
- student: boolean (0, 1)

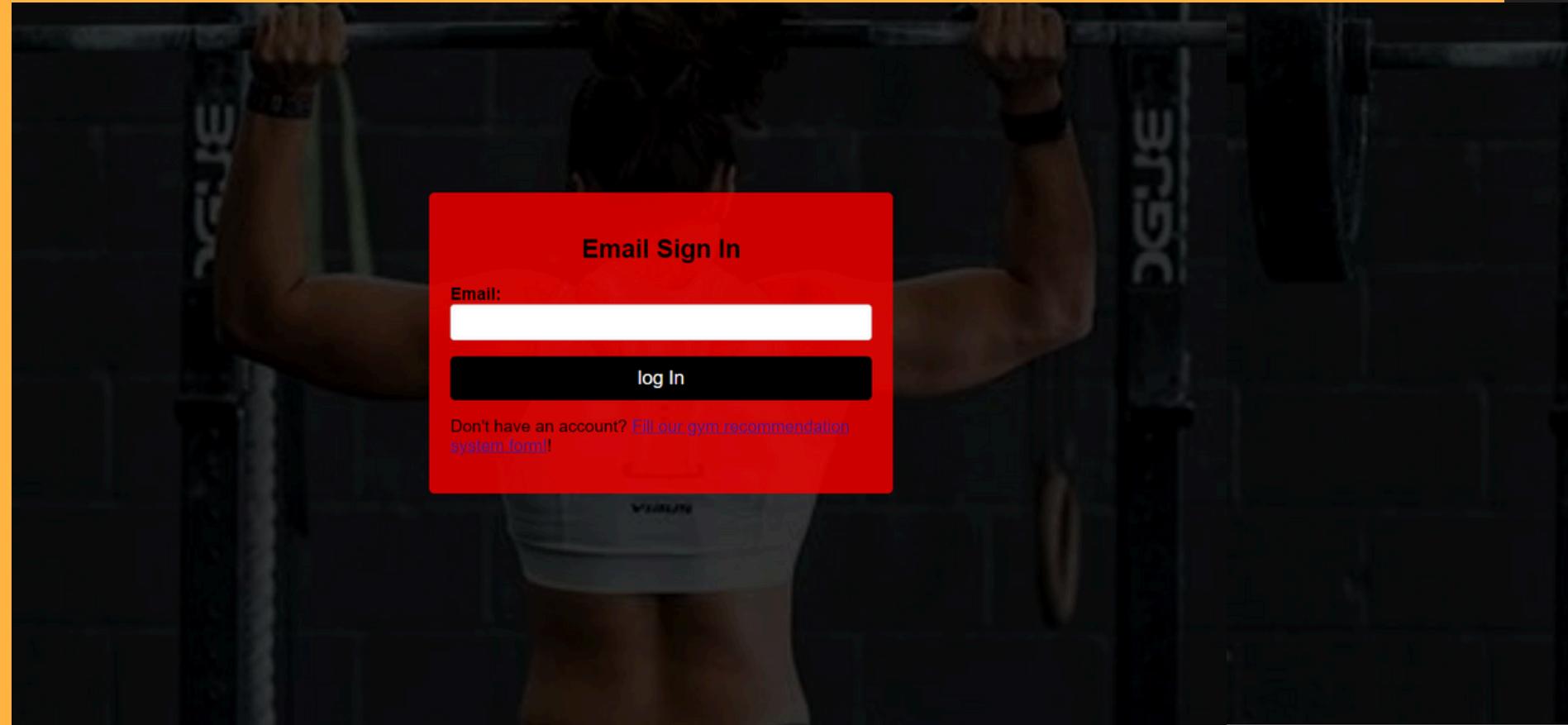
Subscription Information Table:

- email: primary key, foreign key to pinfo
- timing: varchar
- membership: boolean (0, 1)
- gym: varchar
- swimming_pool: boolean (0, 1)
- classes: boolean (0, 1)
- massage: boolean (0, 1)
- physiotherapy: boolean (0, 1)
- cost: float (for decimal)

Final Information Table:

- mID: primary key (generates randomly after paying)
- email: foreign key to both pinfo, and sinfo tables
- If the user enters new information with the same email the values are updated.
- The user must enter his email when paying in order to generate the mID correctly.
- The mID is only generated if the user completes the payment, and it is assigned only to one email, and the email must be present in the pinfo table.
- Using the email, the user can find all his information, however, this information is not official until he pays.
- Limitation: re-entering the email again in the payment page.

sign in system



Email Sign In

Email:

log In

Don't have an account? Fill our gym recommendation system form!

Personal Information

Name: thuraiya

Surname: marhoobi

Age: 18

Student: Yes

You did not complete your subscription with us.
Please, pay for your subscription in order to get a membership ID. Click [here](#) to pay.

Subscription Information

Timing: super_off_peak

Membership: With

Gym: uGym

Swimming Pool: No

Classes: No

Massage Therapy: No

Physiotherapy: No

Cost: 20.8

[Return to Homepage](#)

signing in

Member details



CONCLUSION

OVERALL, OUR GYM RECOMMENDATION SYSTEM AIMS TO GIVE THE USER THE BEST EXPERIENCE BY GUIDING USERS IN SELECTING THE BEST MEMBERSHIP BASED ON THEIR PREFERENCES AND NEEDS COST WISELY. WE HAVE TRIED OUR BEST TO MAKE THE SYSTEM USER-FRIENDLY AND USE ADVANCED ALGORITHM TO CALCULATE THE TOTAL COST



THANK YOU

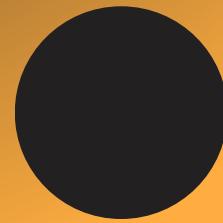


Team Contributions



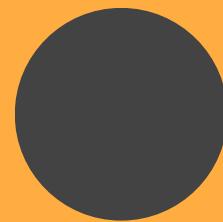
Thuraiya

- presentation Slides
- guide document
- python script syntax
- apply discounts
- implementing the calculations
- html /css inside the python script
- main layout and design ,modified some css,html content
- the logic of the tables in sql



Mohammad

- Database presentation Slides
- testing document
- the main logic behind python script for applying discounts
- the logic of sql ,creating database, tables, connecting it to python script
- making signup page



Alamin

- CSS of the website
- Applying ideas for the design and layout
- implementing

Guray

- CSS of the website
- Applying ideas for the design and layout
- Payment page