

FITNESS CENTER AND GYM ACCESSORIES

Prepared By

Mahbubur Rahman

Id- 143014008

Department – CSE

Course code – CSE 499

Supervised By

Dr. Muhammad Golam Kibria

Associate Professor, Department of CSE

Assistant Proctor

Advisor, IEEE ULAB Computer Society Student Branch Chapter

University of Liberal Arts Bangladesh (ULAB)



ULAB
UNIVERSITY OF LIBERAL ARTS
BANGLADESH

DECLARATION

I do, hereby, declare that the project report “FITNESS CENTER AND GYM ACCESSORIES”, submitted to the Computer Science and Engineering Department, University of Liberal Arts Bangladesh for B.Sc. degree is exclusively an original work conducted by myself. No part of it, in any form, has been submitted to any other university or institute for any degree, diploma or for other similar purposes.

Mahbubur Rahman

Id- 143014008

Department – CSE

Course code – CSE 499

CERTIFICATION

This is to certify that the content and form of the project report entitled “FITNESS CENTER AND GYM ACCESSORIES”, prepared by Mahbubur Rahman, bearing student ID. 143014008 has been found satisfactory for submission to the Computer Science and Engineering Department, University of Liberal Arts Bangladesh in partial fulfillment of the requirements for the degree for B.Sc. degree of Computer Science and Engineering in Computer Science and Engineering and is prima facie worthy of examination.

Supervised By

Dr. Muhammad Golam Kibria

Associate Professor, Department of CSE

Assistant Proctor

Advisor, IEEE ULAB Computer Society Student Branch Chapter
University of Liberal Arts Bangladesh (ULAB)

ACKNOWLEDGEMENT

I begin in the name of Allah, most merciful. Many thanks to Allah for providing me with strength and emotional support throughout my study. Then I would like to express my heartfelt gratitude to the *Computer Science and Engineering Department, University of Liberal Arts Bangladesh* for allowing me to do this project report that has contributed much to enrich my research potentialities. I would like to convey my debt of gratefulness to my honourable supervisor **Dr. Mohammad Golom Kibria, Associate Professor, Department of CSE** .whose generous guidance, attention, cordial encouragement, affectionate cooperation, supportive and particularly precious advice in all stages of this work. His cooperative mentality always encourages me to do better in this research work. It is my immense pleasure to prepare the project. Which was devised by my respected supervisor. I am ever grateful for his valuable remarks and suggestions during every stage in preparing this report within midst of his important duties. He was very understanding and always ready to help me with any issues.

My special appreciation to my dear mom, **Monowara Begum** whose endless love and support throughout my life can never be repaid. Last but not least, many thanks to my family members for their continuous moral support, and all my friends who helped in giving ideas, advices and support in completing this project paper. Thank you.

Table of Content

	Page title	Page No
1	Abstract	7
2	Introduction	7
3	Objective	8
4	The following functions will be provided from the website	8
5	Scope	8-9
6	Report of my gym website	9
7	Functions of Gym Website	9-10
9	Data Info and Project Validation	10
10	SQA Strategy for the software plan	10
11	Provisions of this Gym Website Project	10-11
12	Software Necessity Determination	11
13	The proposed framework has the accompanying necessities	11
14	Recognizable proof of need	11-12
15	Considered the following points	12
16	Feasibility Study • Economic Feasibility • Specialized Possibility • Functional Possibility	12-13
17	Framework Plan of Gym Website • First Plan Stage • Second Plan Stage	13

18	The Project engaged with the plan cycle are the following	13
19	User Interface Design	14
20	Rules for User Interface Design	14
21	Product description	14
22	Experts chipping away at the primer examination ought to achieve the accompanying targets	14
23	Expense	14
24	Running Cost	15
25	Training	15
26	Category of the project	15
27	Explanation for RDBSM	15
28	Methodology	16
29	Planning Of Project	16
30	For an effective programming project, the accompanying advances is accompanied: • Project selection • Achievement and expectation of the project • Budget distribution • Project appraisal • Resource distribution • Risk Management	16-17
31	Timeline	18
32	Front-end Design	18
33	Back-end Development	18-19
34	Project Cost assessment	19
35	Required Software & Hardware specifications:	20
36	Project Profile	20

37	Documentations and meta-models	21
38	Class Diagram	21
39	PERT CHART	23
40	GANTT CHART	23-24
41	Use Case Model of the Project	24-25
42	Dataflow Diagram	26
43	E-R Diagram	27-28
44	ER diagram for my project	29
45	Project Testing	30-31
46	Test for Implementation & Software Specification	31-32
47	The steps for the software testing	32-33
48	System analysis	33-34
49	Gym Website existing system:	34
50	Proposed System of Gym Website	34
51	Database Design	35
52	Screenshot of my project and coding	36-56
53	Conclusion of the Project Gym Website	57
54	Concluded following points	57
55	References	57

FITNESS CENTER AND GYM ACCESSORIES

Abstract:

The motivation behind Exercise center is to modify the physical system with the assist of computer programming which will satisfy the requirements, thus the significant data can be removed for extended duration with simple getting to and control of something similar. The necessary elements and programs are effectively available and easy to handle.

Exercise Site, as portrayed above, can activate mistake free, secure, trustworthy and speedy organization structure. It can assist the customer with focusing on their various exercises with recording. Subsequently it will associate the proper and maximum utilization of the properties. The organization will accustomed with modernized record without repetitive sections. It means that no one need to be diverted by the documents that are not applicable, while the option needs to be arrived at the data.

The summery is to mechanize its recent old system by the help of modernized supplies and certain PC programs, fulfilling their essentials, so the significant data/information can be taken care of for a more stretched out period with basic overseeing something very similar. Essentially the website explains how to oversee for great implementation and good information for the clients.

Introduction:

A gym website is just pretty much as great as its capacity to help us arrive at new clients, interface with gym current members, and further develop gym administration endeavors. Accomplishing these objectives can be made simpler with these significant gym website. This system will be helpful for the people who try to avoid error and want user-friendly system. In this way a gym website will be error-free, fast, secure, reliable management system for the members and new clients. This website will also provide diet plan, body maintenance, gym routine, gym schedule and other assisting materials. Gym instruments, nutritional products will also be found and clients will be able to order and get home delivery from this single website. Thus this will help us to manage our resources in good and cost-effective way.

This website has been evolved to override the troubles winning the training guide gadget. Former knowledge is not so important for this purposes. This software program is supported to remove and in a few instances lessen the hardships confronted via way of means of this present gadget. In addition, the program is created for the precise desire of the organization to perform operation in a clean and powerful way.

From this concept of website, mobile application will be developed so that it can be easily accessed to the clients. In future, some features will be included so that members can get gym instruction

from trainer at home. After considering above issues and benefits, creation of a dynamic gym website through this project will be helpful for the target people.

Objective:

- ✚ The main objective is to maintain and manage the gym systems in online platform such as admission, training, time slot, diet plan and member's description.
- ✚ Development of online based sale system for gym instruments and products.
- ✚ Another objective is to raise awareness among the people after providing the general knowledge and benefit of gym through this website.

The following functions will be provided from the website:

- ❖ Different factors based searching options will be provided. Such as admission, gym instruments, payment etc.
- ❖ The designed website will help to regulate the time slot and schedule of different gym functions.
- ❖ It will be helpful to get information about the trainer, schedule, facilities etc.
- ❖ Trainer direction will be managed by the website
- ❖ Details about the gym member and information will be found.
- ❖ This website is helpful for maintaining the gym efficiency.
- ❖ Transaction facility is monitored by this website
- ❖ Data recording system of the website with updating, editing options will result in good improvement.
- ❖ This gym website will help to buy gym accessories from this website.

Scope:

It will assist collecting with culminating the details. Within a short duration, the assortment might be reasonable, basic and self-evident. It will help people with identifying the administration of a spent year impeccably and clearly. It additionally assists in present all tasks

comparative Gym Website. It also will be diminished the important of gathering administration and assortment strategy will go without a hitch.

The undertaking focuses on venture measure computerization, for instance, we have attempted to mechanize various cycles of Gym Website.

- From this website, a member requires to fill-up forms and different copies of the forms will be handily made at a time.
- In this site, show making is not so significant yet people can print directly that saves time.
- To help a member in catching the works pass which was performed particular regions.
- Utilization of properties in skilled way with extending their usefulness by mechanization.
- The strategy creates sorts of documents which will be used for various reasons.
- It fulfills the customers necessity
- Be gentle to the administration and to the customers
- Be simple to handle
- Have a decent UI
- Be extendable
- Delivered on time affordable.

Gym Website Reports:

- ✓ This will describe on gym, schedule and trainer's information.
- ✓ The website will create reports of Member, Facility, gym instruments etc.
- ✓ PDF exportation will be possible for gym, time slot and other requirements.
- ✓ Excel exportation for the reports of trainers, members and gym class can be prepared.

Gym Website Functions:

Function for gym arrangement: Use for dealing with the Gym subtleties.

Function for gym class: Use for dealing with the subtleties of Fitness Class.

Function for Time: Use for dealing with the subtleties of Time Slot.

Function for Trainers: Use for dealing with the data and subtleties of the Trainer.

Function for registered client: Use for dealing with the Member subtleties.

Function for Facilities: Use for dealing with the Facility data.

Function for Login: Use for dealing with the login subtleties.

Function for Users: Use for dealing with the clients of the framework.

Function for Users shopping: Use for dealing with the shopping from the site.

Data Info and Project Validation

- ✚ All the subject areas, for example, Fitness Class, Gym, Member are approved and doesn't approve invalid qualities
- ✚ Each structure of fitness, Trainers, Time schedule do not acknowledge clear worth field
- ✚ Escaping blunders in information
- ✚ Regulation measure of info
- ✚ Accumulating the relative multitude of structures in framework.
- ✚ Arrangement of the experiments
- ✚ Arrangement of the conceivable test information with the approval check
- ✚ Real test will be done physically
- ✚ Record the data of the relative multitude of replicated blunders
- ✚ Modifications accomplished for the mistakes found at the time of examination.
- ✚ Made the outcome script after amendment of mistakes.
- ✚ Make function of the whole module and structures.
- ✚ Affirmation of the client input.
- ✚ Managing the Coding norms to be kept up with during coding.
- ✚ Examining the structure having the whole conceivable test information.
- ✚ examination for the usefulness including all sort of estimations and so on

SQA Strategy for the software plan:

- ✚ In the initial step, it will be chosen the examination factor and ranked those items. The chosen factors like unwavering quality, practicality, transportability and so on, will be put in the lattice as indicated by their positions.
- ✚ The subsequent advance is for recognizing the periods of the improvement interaction. The stage ought to be memorized in the grid.
- ✚ The final stage is to recognize the venture dangers of the program expectations. The dangers will be positioned into three like low, medium and high.

Provisions of this Gym Website Project:

- ✚ Items, elements and products based
- ✚ Easy creation and modification factor
- ✚ Inquiry issue list to any profundity
- ✚ Revealing and listing in more far reaching way
- ✚ Strong security based user account access

- ✚ Straightforward resolutions
- ✚ Different priorities based options
- ✚ Goals and objectives for directing the software engineer
- ✚ Reaction and feedback from the users
- ✚ Powerful information base back-end
- ✚ Different degree of reports accessible with a great deal of channel models
- ✚ It will contain maximum capacity limit
- ✚ Perfection in performance
- ✚ Simple and quick recovery of data
- ✚ Better organized data and reporting
- ✚ Minimize the pressure that created by manual system
- ✚ Individual information accessibility
- ✚ Fast and speedy work
- ✚ Regular updating at ease

Software Necessity Determination:

The Software Necessities Determination is created at the perfection of the investigation task. The capacity and execution allotted to programming as a component of framework designing are refined by building up a total data depiction, a definite utilitarian and social portrayal, a sign of execution necessities and plan limitations, fitting approval measures, and different information appropriate to prerequisites.

The proposed framework has the accompanying necessities:

- ✚ Method requires gather data of new section of Rec center.
- ✚ Process requires to assist the inner personnel with keeping data of Mentor and discover them according to different inquiries.
- ✚ Process requires to keep up with amount record.
- ✚ Method requires to take the documents of member.
- ✚ Process needs to refresh and erase the recorded data.
- ✚ Method additionally needs a hunt region.
- ✚ It additionally requires a secured framework to forestall information.

Recognizable proof of need:

The ancient manual framework was found with various disadvantages. As the whole of the framework was to keep up with hand the most common way of keep, keeping up with and reclaiming the document was very drawn-out and extended. The record was not ever used to be in a deliberate request. There were mistakes in accomplice a particular trade with a particular setting.

In case any information was to be found it was needed to go through the various register, record there might be found nothing like reporting age. There were consistently be pointless management of time at the time of recording and reclaiming the data. Another issue was undeniably challenging to track down mistakes while analysis the data. When the data were processed it was truly challenging to return the record. Thus we have given elements Present framework is to some extent mechanized (automated), really existing framework is very arduous because individual needs to enter similar data at the three best position.

Considered the following points:

- ✚ Data that should be given by the framework: there can likewise be not many reports, that may assist the executives in dynamic and expense controlling, however as those reports don't stand out enough to be noticed, such sort of report and data were additionally recognized and required consideration.
- ✚ All the information necessary for report and data.
- ✚ The recurrence and circulation of the data are required
- ✚ Probable sources of information for every document and report.
- ✚ Possible wellsprings of data for each record
- ✚ For the execution of electronic framework, the undertaking of recording data in a coordinated way will be addressed. The best of everything is the recovery of data that can be at the snap of mouse. Therefore the proposed framework assists in saving time in various activities and preparing data stream simple given significant report.

Feasibility Study:

A. Economic Feasibility

Economic feasibility is a vital viewpoint of while fostering a work. We picked the advancement subject to least possible cost factor.

- ✚ All hardware and program expense should be borne by the association.
- ✚ Without system cost and project complete cost, it has been assessed that the importance of the affiliation will be gotten from the site.

B. Specialized Possibility

Consolidated the test of limit, execution, necessities that may impact the capacity to reach an adequate system. From feasibility study, we focused on finish convenience to be given in the structure, as depicted in the Framework Necessity Detail, and checked on the off chance that all was possible using dissimilar sort of frontend and backend development.

C. Functional Possibility

Almost the designed the project is totally GUI based and it is incredibly simple to utilize and every single commitments to be grabbed all undeniable even to a layman. As well, a fitting getting ready has been coordinated to inform the exemplification of design to the customers feel the solace with new system. From design, our survey is worried the clients are pleasant, also they happy as the system has cleaved throughout their loads and performing.

Framework Plan of Gym Website:

Regularly, plan is executed within two stages:

First Plan Stage:

In this stage, the framework is planned at block level. The blocks are made based on examination done in the issue distinguishing proof stage. Various blocks are made for various capacities accentuation is put on limiting the data stream between blocks. In this manner, all exercises which require more communication are kept in one blocks.

Second Plan Stage:

Within auxiliary step of the point by point plan of each block is made.

The Project engaged with the plan cycle are the following:

-  Plan different blocks for generally speaking framework measures.
-  Plan more modest, smaller and serviceable module in every stage.
-  Practice various information base designs.
-  Describe nuances of ventures to achieve needed value.
-  Practice the kind of wellsprings of data, and yields of the structure.
-  Execute document of the arrangement.
-  Framework survey.

User Interface Design

UI Configuration is worried about the discourse among clients and the computer. It is worried about whole matter from beginning the framework or signing into the framework to the ultimately show of wanted data output and source. The general progression of message and screen are found as an exchange.

Rules for User Interface Design:

- ✚ The framework customer must to know of the process directly.
- ✚ Messages, guidelines or data must be displayed extended enough to permit the system customer to realize them.
- ✚ Use show ascribes.
- ✚ Default esteems for areas and replies to be given by the client ought to be indicated.
- ✚ Customers must not be given permission to run without adjusting a mistake.
- ✚ The framework customer must not ever find an executive system message or lethal mistake.

Product description:

The initial phase in framework advancement duration is the fundamental examination to decide practicality of the framework. Motivation behind the fundamental examination is to assess project demands. It's anything but a plan nor does it incorporate the assortment of subtleties to depict the venture framework in whole regards. Maybe, it is gathering of data that assists council individuals to assess benefits of the task solicitation and prepare an educated judgment of the possibility regarding the project.

The business center will surely be capable to achieve profits for instance execution cost minimizing, paperwork savings, maximize human resource use and improving the image of goodwill.

Experts chipping away at the primer examination ought to achieve the accompanying targets:

- Check and comprehend the business demand
- Realize the amount undertaking.
- Examine expenses and advantages of elective methodologies.
- Describe the specialized and functional possibility of elective methodologies.
- Reporting discoveries to the board, with suggestions illustrating the acknowledgment or dismissal of the proposition.
- Profit to association

The association can clearly acquire advantages like executive expense reservation, reducing the work of administration, best use of HR and more satisfactory picture expanding generosity.

- **Expense**

The proposed to set up cost of the project will add the whole charge of the program element (operating system, add of program, and utilities) and task (arrangement and support). The equal requires to be borne by the association.

- **Running Cost**

Also, the underlying expense the drawn out cost will incorporate the current expense for framework incorporating AMC, fixed charge, cost of HR, cost of restoration for different related programming.

- **Training**

The utilizers as well as the constructor need to have training at time of implementation to make the program easy to execute. Site of the training will be provided by the client.

Financial problems will be managed after talking with the people who are involved in this management area, recording and reporting tasks will be performed by the people who are incorporated with respective duties of the running system, and along with the requirement and other desires will also be met by the developed system. After that the entire system will be examined based on requirement for the best possible performance.

With this proposed system, a secure, accurate and reliable data management will be possible. Thus it will help to track all the daily activities and record keeping by this gym website.

Category of the Project:

RDBMS means Relational Database Management System (RDBMS). It is an RDBMS based system. Basically it has been used MySQL for whole the management statements. MySQL database system is an open source RDBMS System.

Explanation for RDBSM :

Relational database management system is an information base administration framework (DBMS) that relies of the social model as created by E. F. Codd, of IBM's San Jose Exploration Research facility. Various well known information have been used based on the social data model.

RDBMSs has turned into a prominent plan for the limit data in recent data set used for money record, producing data, faculty document, and substantially many from 1980. Social data set has supplanted inheritance of various leveled data set and association data set as these are more clear. Nonetheless, social information base has been tested by data sets, that were acquainted in an endeavor with identifying the article social impedance bungle in social data set, and XML data sets.

Methodology:

MVC means Model View Controller. A product completely design for web applications is called Model View Controller. A Model View Controller design have three sections:

Model- main function is to maintain data and it is the lowest level of the pattern

View – this part displays data fully or partially to the user.

Controller- it is the Code of software which maintains the interactions between the Model and View.

All requests for application are received by the controller and works with the function of the model to manage any data necessary for the view. For the final response, the prepared data of the controller is then used by the view.

To make a dynamic website, I have to work two ways. One is for the Front-end design part and another one is for the Back-end development part. Model and view are used for front-end design and controllers are used for back-end development which maintains the interaction between the Model and View.

Planning Of Project:

Programming project plan is as accompanying:

1. Regarding to the association: In which way is the undertaking carried out? Which are different requirements (cost, time, staff)? Which is the marketing system?
2. Regard to client: Week by week or opportune gatherings with client show on report. Clients input is additionally accepted and future adjustment and improvements are finished. Undertaking achievements and expectations are likewise introduced to the client.

For an effective programming project, the accompanying advances is accompanied:

- **Project selection**

- ✚ Identification of venture's points and goals
- ✚ Realization prerequisites and particular
- ✚ Process0 of investigation, plan and execution

- ✚ Test procedures
 - ✚ Documentation
- **Achievement and expectation of the project**
- **Budget distribution**
 - ✚ Exceeding limit inside control
- **System appraisal**
 - ✚ Cost
 - ✚ Time
 - ✚ Size of code
 - ✚ Duration
- **Main Resource**
 - ✚ Hardware
 - ✚ Software
 - ✚ Previous relevant project information
 - ✚ Digital Library
- **Risk Management**
 - ✚ Risk avoidance
 - ✚ Risk detection

Timeline:

The timeline chart for different elements is given blow:

	July				August				September			
Planning for Project												
Analysis												
Design for project template												
Coding front-end and back-end												
Testing for whole project												
Implement and testing												
	Week-1	Week-2	Week-3	Week-4	Week-1	Week-2	Week-3	Week-4	Week-1	Week-2	Week-3	Week-4

Front-end Development:

For Front-end design I will use,

- ✓ HTML5: web document is created and saved by HTML.
- ✓ CSS3: (Cascading Style Sheets) mainly used for styling and attractive looks
- ✓ Bootstrap: it will help to responsive design for any device of any size
- ✓ JavaScript: it is a scripting language, commonly used for web browsers.
- ✓ JQuery: JavaScript library.

Back-end Development:

For Back-end development I will use,

- ✓ PHP: It is the type of process which helps venture developers to generate static web application and web pages, in HTML, XML or other document types, as per customer demand. PHP is an open source software. Basically it helps for backend development.
- ✓ MySQL: it is mainly used to access query, manage and update data in databases.

This website will contain pages: Home, Admission, Shop, Order, and Contact.

Home page will be the main page of the website. Home page contains a login form of admission. Instruments, nutritional products etc. all these products will be available at the shop page. Clients can order their desirable products by order page and contact details will be found at contact page.

The user and computer interrelated dialogue is the concern of User Interface Design. Desired input and output of the system is also dependent on it which starts with logging into the system.

Project Cost assessment:

Programming cost includes a little form of general computer based system expense. There are various variables, they are thought that can influence a certain value of the product, for example, - Planning, specialized, Equipment and Programming accessible and so forth.

The primary concern that was considered during the expense assessment of undertaking was its estimating. Notwithstanding complete programming measuring, work point and rough line of code were additionally used "size" every component of the Product and their cost.

The expense assessment worked for Venture additionally rely on the benchmark measurements gathered from past projects and these were utilized related to assessment factors to foster expense and exertion projection.

It has been fundamentally assessed the undertaking essentially two ways -

Exertion Assessment – Include to whole out worker hours necessary for augmentation of the system. Whole system duration needed for document preparation and the client manuals.

Hardware Need to Estimation – Add the price of the personal computer and all equipment cost needed for advancement of this undertaking.

Required Software & Hardware specifications:

Name	Specification
Operating System	Windows 7,8,10
Language	Php Laravel, Html5, Css3, JavaScript
Database for the project	MySQL Server
Browser for the project	Mozilla, Chrome etc.
Software we used	Visual studio code, Xampp, Adobe XD

Project Profile

There has been persistent work to foster instruments, which can facilitate the course of programming advancement. In any case, with the advancing pattern of various programming standards the present programming engineers are truly tested to manage the evolving innovation. Among different issues, programming re-designing is being viewed as a significant interaction in the software advancement industry. One of the significant undertakings here is to comprehend programming frameworks that are now evolved and to change them to an alternate programming climate. For the most part, this needs a great deal of old exertion in a program that may have been created by other developer. That undertaking creates a clever endeavor to show the given programming investigation and age of charts, that can portray the design of program in superior manner. UML is taken as a mechanical norm for computer programming configuration measures. It fundamental gives a few outlining devices that can communicate various viewpoints/qualities of program, for example,

- **Use cases:** A use case diagram graphical design of a client's potential communications with a framework. A use case diagram presents many use cases and different ways of users the project has. The use cases diagram shows by either circles or ellipses.
- **Class diagram:**

Concepts of static structure, class and types will be shown in class diagram. How a user thinks of the world, types showing interfaces of software elements.

- **Interaction diagram:** show how a few items team up in a single use.
- **Package diagram:** display gathering of class and conditions.

- **State diagram**: display the way of single item acts through many cases.
- **Activity diagram**: displays behaves with regulated process. May show much objects are used many uses, many objects in a single use case.

The finished result of the project is an exhaustive instrument that can parse any vb.net program with concentrate the bigger part of the item arranged elements inborn in the program like polymorphism, legacy, epitome and deliberation.

What is UML?

Unified Modeling Language means UML as the replacement to the influx of Object Oriented Analysis and Design (OOA&D) techniques that showed up in the last part of the 80's. It most straightforwardly brings together the techniques for Booch, Rumbaugh (OMT) and Jacobson. Unified Modeling Language is known to a demonstrating language and it is not a technique. All techniques comprise on a fundamental level, of whole a displaying language and an interaction. UML is the documentation of techniques used to communicate plans.

Documentations and meta-models:

Documentation is visual view; that is punctuation of displaying what you want to display. For example, class graph documentation characterizes how things are ideas like class, affiliation, and assortment is addressed. Describe above this following items.

Class Diagram: It strategy has been really focal inside object-situated strategies. Practically each strategy has remembered few variety for the method. Class graph is likewise dependent upon the best scope of displaying ideas. Albeit the essential components are required by everybody, progressed ideas are utilized less regularly. A class chart depicts the sorts of items in the framework and the different sorts of fixed relationships that remain among these. Two main way static sorts of relations

- Association
- Subtype

It's additionally display of the properties with the tasks of class. The limitations which apply to manner in which articles are associated.

Association: Association address between occasions of class. According to the calculated viewpoint, affiliation addresses applied relations between classes. Every affiliation plays two parts. Every job is a heading on the affiliation. A job likewise has assortment, which is a sign of the number of item might partake in relationship.

Generalization: A normal illustration of speculation develops the individual and corporate client about venture. They contain contrasts yet additionally numerous closeness. The similitudes can be put in speculation with individual client and incorporate client sub sort.

Aggregation: accumulation is the piece of relationships. It resembles saying a vehicle has motor and wheel as that's part. These sound great, however troublesome thing is thinking about, what is thing that matters is total and affiliation.

Interaction: cooperation charts are model that portrays how gatherings of items joint effort in few conduct.

Ordinarily, a collaboration outline catches the conduct a solitary use cases. The graph shows various model items and information that are moved through these articles being used cases. Straightforward with methodologies use case which displays the accompanying conduct.

Articles can make an impression on other. Every information scan with provided goods thing. Two charts from this interaction: Sequence and Collaboration outline.

Package Diagram: This is the most established inquiries in programming techniques is: how would they separate a huge framework in more modest frameworks? It be hard to comprehend and the progressions we make to them.

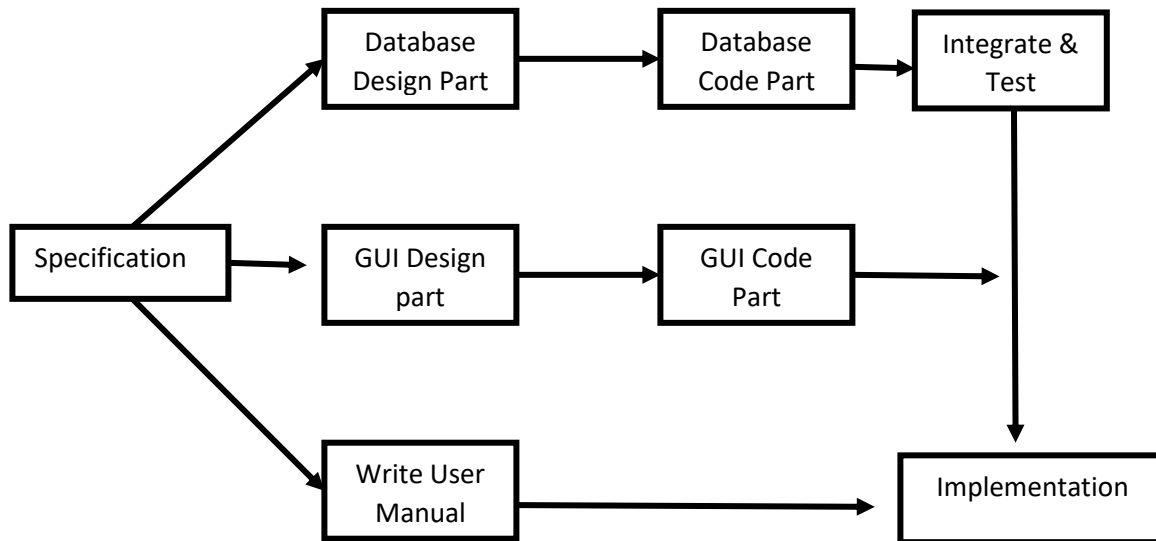
Organized strategies utilized utilitarian decay in which the general framework was planned as a capacity separated into sub capacity, which is additional separated into sub capacity, etc. The detachment of cycle information is gone, useful decay is away, however the previous inquiry is still remaining parts. First is to gather the classes into more significant level segment. This thought, register freely, shows up in numerous articles. In UML, this gathering component is bundle. The term bundle chart for an outline that shows bundles of category and the conditions among them.

A reliance remains between two components whether modifications to the meaning of the first component might root to another. With class, conditions remain for different reason: one class makes an impression on another; one class has one more as a feature of its information; one class makes reference to one more as a boundary to an activity. A reliance between two bundles exists; and any conditions remain within any two class in the bundle.

State chart: State graph are a natural strategy to depict the conduct of a framework. They portray every one of the potential expresses a specific article can get into and how the items state changes because of occasions that arrive at the items. In most OO procedure, state graphs are drawn for a solitary class to show the lifetime conduct of a scorch object. There are many type of state chart, each with marginally unique semantics. The most well known one utilized in OO method depends on David Harel's state outline.

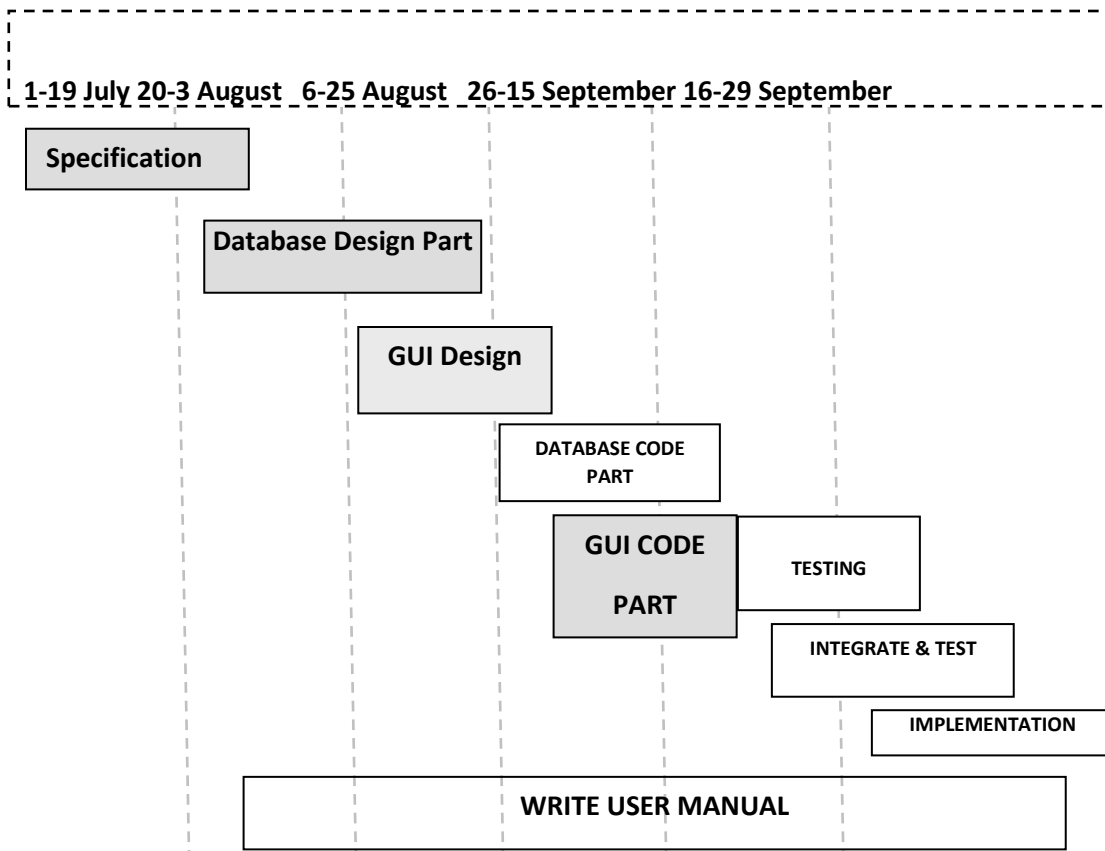
PERT CHART

PERT chart is formed for works, tasks or events. It is a process that displays how the orders of the activity be executed. It helps to divide the whole project. It helps the computation of the emergency way. The duration and expense linked with a way is computed and the path needs the best total of ancient time in critical path.



GANTT CHART

Gantt chart is used for exclusively for scheduling purpose. It is the project maintaining technique. It is used for project organize. A gantt chart is a bar chart which each bar has and activity. The bar is shown time period and activities. Time planned bar is shown that activity. The gantt chart shows slack time that is the latest task by which the project has been finished.



Use Case of the Project:

Use case model is model which shows the whole activity from a design. It also help to create design and implementation of the project. It assist to understand about whole project from the design. I have used this design for my project.

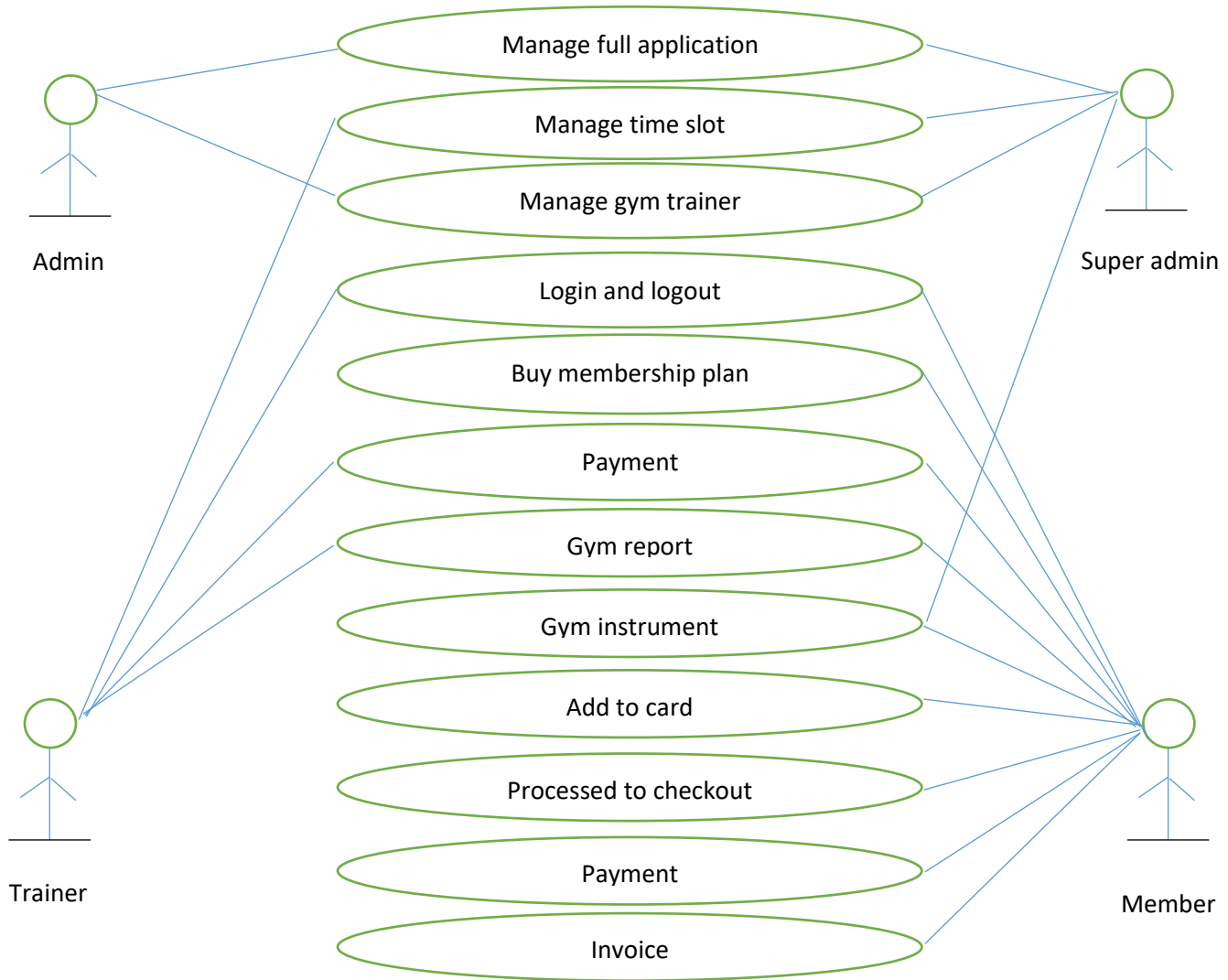


Fig: Use case diagram

Framework is to pose the inquiries "What the client can do utilizing the framework?" The utilization cases parcel the framework conduct into exchanges to such an extent that every exchange plays out some helpful activity according to the clients' perspective.

In utilization case outline every utilization case is addressed by an oval with the name of utilization case composed centre the oval. Every one of the ovals of framework is encased with in a square shape which addresses the framework limit. The name of the framework being module shows up centre the square shape. Different clients of framework is addressed by street stick

Individual symbol. This stick figure symbol is regularly alluded to add an Actor. The stick interfacing the entertainer and the utilization cases is known as the correspondence relation between them.

Dataflow Diagram:

Information stream chart is the starting stage of the plan for the project that practically disintegrates the prerequisites particular. A data flow diagram is adding of progression of joined by the line. The air pockets address information change and the lines address information streams in the framework. A DFD portrays what information stream as opposed to how they are prepared, so it doesn't equipment, programming and information structure.

The information stream chart is a visual depiction of a framework's information and how to manage Cycle change the information is known as DFD. Information stream chart number of images and the accompanying images are of by DeMarco.

These seven principles to build a data flow graph below here.

1. Arrow ought not to pass one another.
2. Square, circle and record must need identity.
3. Decomposed information streams should be adjusted.
4. No two data stream, square or circle can be comparable name.
5. Drawing all data stream to the outside of the framework.
6. Choice of huge names for data stream, measure and data store.
7. Control information, for instance, unit recording, secret expression and endorsement requirements are not humble to an information stream outline.

Furthermore, a DFD can be used to envision information preparing or an organized plan.

This fundamental DFD is deteriorated to a lower level graph showing more modest advances displaying subtleties of the framework that is being demonstrated.

On a DFD, data stream from an outside information source or an inward information store to an inner information store or an outer information sink, by means of an inside interaction. It is generally expected practice to draw a setting level information stream outline first, which shows the communication between the framework and outside specialists, which go about as information sources and information sinks. On the setting graph (otherwise called the Level 0 DFD'), the framework's collaborations with the rest of the world are demonstrated absolutely as far as information streams across the framework limit. The setting graph shows the whole framework as a solitary cycle, and gives no signs concerning its inside association.

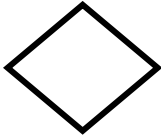
E-R Diagram

Entity relation Model is a famous significant level theoretical information model. This E-R model and its varieties are every now and again utilized for the calculated plan of information base application and numerous data set plan apparatuses utilize its idea.

Database that affirms to an E-R chart which is addressed by a collection of tables in relational structure. There are many types of E-R graph are blew.

- Attributes
- Relations
 - Many-to-many
 - Many-to-one
 - One-to-many
 - One-to-one
- Weak entities
- Sub-type and super-type

Elements and connection are showing here:

- An element is displayed in rectangle shape. 
- A diamond address the relationship among number of substances. 
- The credits displayed as ovals are associated with the substances or relationship by lines.
- Diamond, oval and connections are named.

- Model is a reflection interaction that conceals super subtleties while featuring subtleties connection to application at end.
- An information model is a component that gives this deliberation to data set application.
- Data displaying is utilized for addressing substances and their relationship in the data set.
- Entities are the fundamental units utilized in displaying data set substances can have substantial presence or comprise thoughts or ideas.
- Entity type or substance set is a gathering of comparative items worry to an association for which it keep up with information,
- Properties are qualities of an element additionally called as characteristics.
- A key is a solitary quality or blend of at least 2 credits of a substance set is utilized to recognize at least one examples of the set.
- In relational model we address the substance by a connection and use tuples to address an example of the element.
- Relationship is utilized in information displaying to address in relationship between an elements set.
- A relationship between two ascribes demonstrates that the upsides of the related properties are free.

ER diagram for my project

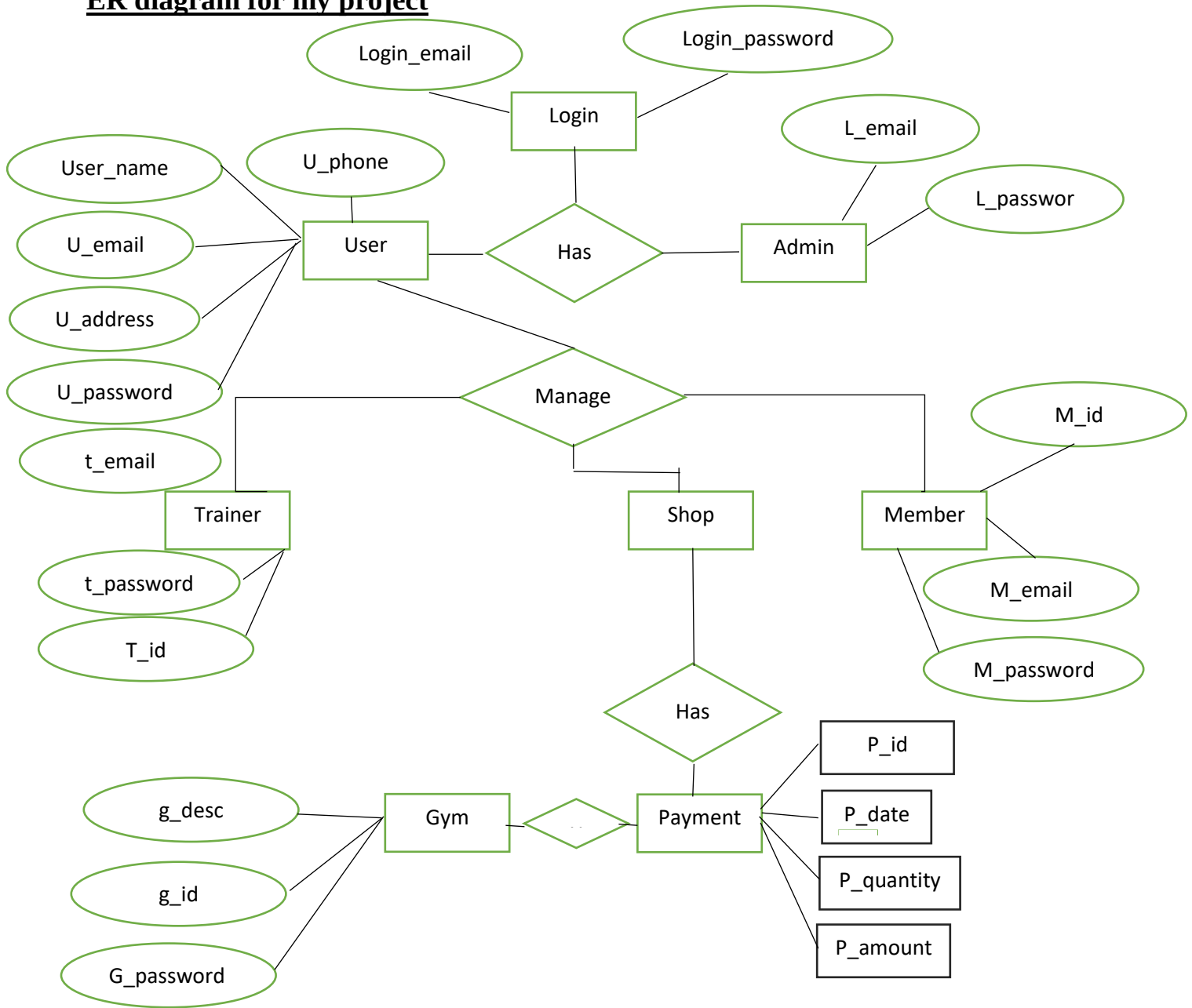


Fig: ER diagram for my project

Project Testing:

Test is indispensable for accomplishment of all software. No framework layout is ever considerable. There are two type of testing. First step is during the computer programming that is at the time of module preparation. Second stage is after the consummation of programming and second is the implementation.

White Box Testing:

In this strategy, the close by evaluation of the reasonable parts through the item are tried by cases that action species set of condition. Each reasonable bits of the item is checked. Missteps that can be changed using this strategy are typographical goofs, sound enunciations which should be done once may be getting executed more than once and botch occurring by using mistakenly control. Right when the holder testing test, the free portion in a module a genuine decisions on the substantial and the false side are rehearsed , all cutoff points inside their utilitarian cutoff points were drilled and internal data development to ensure their authenticity were polished once.

Black Box Testing:

The way empowers computer programmer to the device set of info method which entirely practice all utilitarian prerequisites for a system. Black box testing info, the yield and the outside data. That controls whether the info information is okay and regardless of whether ideal yield is found.

Alpha Testing:

Alpha testing means acknowledgement testing. To make layout are prepared for a solitary client. Alpha testing is a testing that maintained the customer desire and requirement.

Unit Testing:

Each structure is thought about freely. It circles each program unit as carried out in the code. It is called the unit testing.

Integration Testing:

It aims to building the system module when the equivalent developing tests to uncover blunders. Modules are run by using the big picture perspective.

Approval Testing:

Approval test was done to confirm that the utilitarian and execution necessities are met.

Framework Testing:

It is performed activities to see authentic change held in it with objective of finding mistakes. A system is gone after for online response, volume of trade, recovery from dissatisfaction, etc. this testing will help our customer essentials and also help to create satisfies layout.

Test for Implementation & Software Specification

Point by point Design of Implementation

This time of the systems improvement duration refines gear and program specifics, set program plan, trains customers and perform expansive test method, to survey planning and working conclusions just as give the reason to extra modification.

Specialized Design

This development develops points of interest made during new structure arrangement, adding separated particular subtleties and documents.

Test Specifications and Planning

This activity makes ready itemized exam determinations for individual modules, work, subsystems, and for the framework overall.

Programming and Testing

This development incorporates real development, making, and testing of program units or modules.

Training for Client

These development joins making customer methodology manual, course of action of customer getting ready material, coordinating planning task, and testing techniques.

Acceptance Test

Last test audit to display a framework and reliable customer use before a layout becomes functional.

Phase Installation

From this step, recent computer framework is shown, the transformation to recent methodology is entirely carried out, and ability of recent framework is inquired.

Installation the System

The most common way of starting the use of framework and making client prepared for work force in its activity.

Review Phase

From the stage surveys this victories and frustrations through a structures progression project, and to check the delayed consequences of one more Computerized Tran framework to the extent benefits and hold reserves projected close to the start of the venture.

Development Recap

An audit following fruition to invent victories and likely issue in further task.

STEPS FOR THE SOFTWARE TESTING

Step for the software testing below here:

- a) Experiments preparation
- b) After checking all the information conceivable test will be prepared.
- c) Code completion audit of the structure.
- d) Actual test.
- e) Changings accomplished for the error found through test.
- f) Prepare for the final result outcome,

The unit testing done incorporated the testing of the accompanying things:

1. Functioning of entire modules.
2. Validity of customers' information.
3. Testing of the Code standards to remain at coding.
4. Checking modules with all conceivable information.
5. Testing of the handiness including all kind of assessments, etc
6. Make Comment standard in sourced data.

Subsequent to finishing Unit testing of the relative multitude of modules, the whole framework is incorporated with each of that's status in the structure. During System Incorporation, We executed the structures individually and the process at each progression. This aided in decrease of blunders at the hour of the framework testing.

The Framework Testing done incorporated the testing of the accompanying things:

1. Helpfulness of the entire structure all things considered.
2. Structure UI.
3. Checking the dependent module alongside all the possible test data scripts.
4. Confirming and Approving the test.
5. Checking the outcomes having usefulness.

After the perfection of structure testing, the accompanying after step was the Acknowledgment Test. Clients at the end did this and recognized the structure with appreciation. As such, we showed up at the last time of the errand transport.

System analysis:

Framework investigation is a course of get-together and translating real factors, diagnosing issues and the information regarding the Activity community Site to propose improvements for the system. It is a basic reasoning development that requires concentrated correspondence between the system customers and structure creators. System examination or study is a huge time of any structure improvement measure. The system is inspected to the minutest detail and analyzed. The structure specialist accepts the piece of the cross analyst and stays significant into the working of the current system. The system is found overall and the commitment to the structure are perceived. The yields from the affiliations are followed to the various cycles. System examination is stressed over becoming aware of the issue, perceiving the huge and decisional factors, taking apart and joining the various factors and choosing an ideal or on the other hand if nothing else an attractive course of action or program of action. A low down examination of the cycle ought to be made by various methodologies like gatherings, reviews, etc. The data assembled by these sources ought to be inspected to make an appearance to an end. The end is a perception of how the system limits. This system is known as the current structure.

By and by the current structure is presented to close survey and problem areas are perceived. The planner as of now functions as an issue solver and endeavors to sort out the difficulties that the endeavor faces. The courses of action are given as suggestion. The suggestion is then weighed with the current structure consistently and the best one is picked. The recommendation is acquainted with the customer for a help by the customer. The recommendation is researched on customer interest and sensible changes are made. This is circle that completes when the customer is content with suggestion. Starter study is the most well-known method of get-together and interpreting real factors, using the information for extra assessments on the system. Essential audit is basic reasoning activity that requires concentrated correspondence between the structure customers and system engineers. It does distinctive believability considers. In these examinations an unforgiving figure of the system activities can be gotten, from which the decision concerning the methods to be followed for feasible structure study and assessment can be taken.

Gym Website existing system:

In this current framework the test is performed just physically yet in designed framework we need to mechanize the tests utilizing the app.

- Insecure safety of information.
- High labor cost.
- Time devouring.
- Customer's huge amount of similar work.
- Need old computations.
- There are no direct job for higher admin

Proposed System of Gym Website:

The point of designed framework is to foster an arrangement of further developed offices. The designed framework can win each of the limitations of recent framework. The framework gives legitimate security and lessens the old work.

- Highly Secured information.
- Information precision's surety.
- Regulation of the greater authorities.
- Minimize old information section.
- Reduced time required for the different handling.
- Higher productivity.
- Better administration.
- User benevolence and intelligent.
- less time need

- **Database Design:**

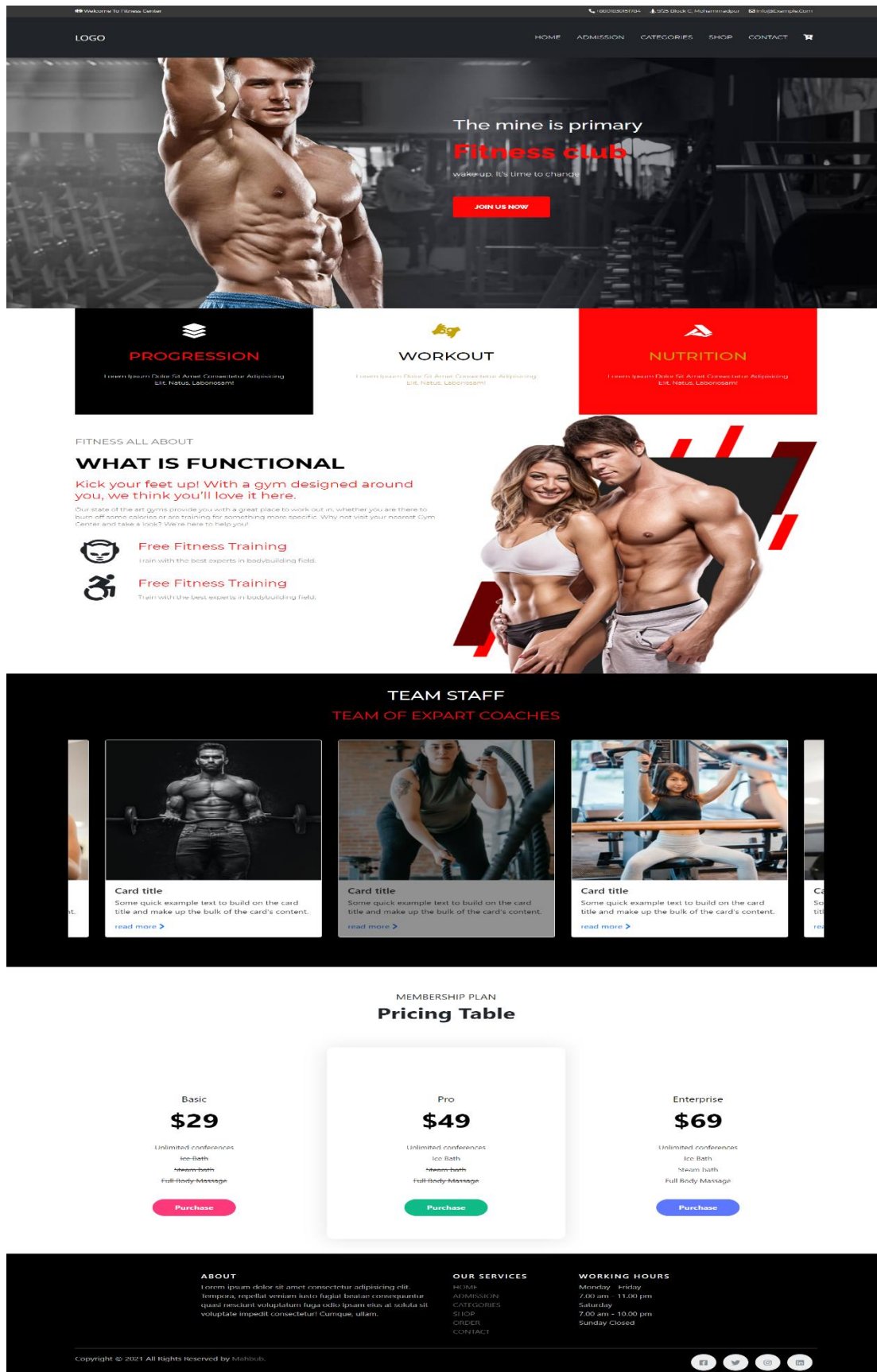
Primary	Admin	
	Id	Int(10)
	Full_name	Var(100)
	User_name	Var(100)
	Password	Var (255)
Primary	Admission	
	Id	Int(10)
	Person_name	Var(100)
	Person_contact	Type
	Person_email	Type
	Person_address	Type
	Person_date	Type

Primary	Shop	
	Id	Int(10)
	title	Var(150)
	Description	Var(255)
	price	decimal(10.2)
foreign	Category_id	Int(10)
	feature	Var(10)
	active	Var(10)

Primary	order	
	Id	Int(10)
	price	decimal(10.2)
	Qty	decimal(10.2)
	Total	Var (255)
	status	Var(10)
	Custom_name	Var(100)
	Custom_contact	Type
	Custom_email	Type
	Custom_address	Type

Primary	User	
	Id	int
	Full_name	Var(20)
	User_email	Var(20)
	User_address	Var(255)
	User_phone	Var(14)
	User_password	Var(8)

Screenshot of my project and coding



GET INTO TOUCH

NAME
Full Name

PHONE NUMBER
Enter your phone number

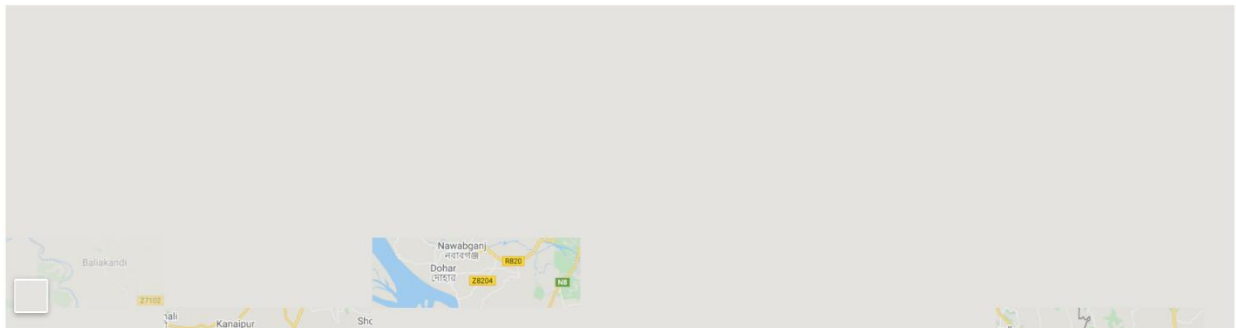
E-MAIL
Enter your email

YOUR MESSAGE
Enter your message

SUBMIT

CONTACT US
+880183015784
info.example@gmail.com

FOLLOW US



GYM ADMISSION FORM

FULL NAME

First Name

Last Name

AGE

Enter your age

CURRENT WEIGHT

Enter your weight

GOAL WEIGHT

Enter your goal weight

HEIGHT

Enter your Height

ADDRESS

Enter your address

CITY

Enter your city

STREET ADDRESS

Enter your street address

ZIP CODE

Enter your zip code

E-MAIL

Enter your email

PHONE NUMBER

Enter your phone number

RELATIONSHIP

Stauts

EMERGENCY CONTACT PERSON

phone number

☐ Lorem ipsum dolor sit amet consectetur adipisicing elit.

JOIN WITH US

```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-
Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-
width, initial-scale=1.0">
  <title>Document</title>
  <link href="https://fonts.googleapis.com/css2?family
=Raleway:wght@300;400;500;600;700;800&display=swap"

```

```

        rel="stylesheet">
        <link href="https://fonts.googleapis.com/css2?family=Montserrat:wght@300;400;500;600;700&display=swap"
            rel="stylesheet">
        <link rel="stylesheet" href="font/flaticon.css">
        <link rel="stylesheet" href="./css/slick.css">
        <link rel="stylesheet" href="css/all.min.css">
        <link rel="stylesheet" href="css/fontawesome.min.css
">

        <link rel="stylesheet" href="css/bootstrap.min.css">
        <link rel="stylesheet" href="css/style.css">
        <link rel="stylesheet" href="css/media.css">
</head>

<body>

    <!--===== top navbar part goes here =====>
    <div class="cn-nav">
        <nav class="navbar top navbar-expand-lg">
            <div class="container">
                <a class="top-navbar-brand" href="#"><i class="fas fa-dumbbell"></i> welcome to fitness center</a>
                <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
                    data-bs-target="#navbarSupportedContent1" aria-controls="navbarSupportedContent1"

```

```

        aria-expanded="false" aria-
label="Toggle navigation">
        <i class="fas fa-bars"></i>
    </button>
    <div class="collapse navbar-
collapse" id="navbarSupportedContent">
        <ul class="navbar-nav ms-auto mb-
2 mb-lg-0">
            <li class="nav-item">
                <a class="nav-
link" href="callto:+8801830151784"><i class="fas fa-
phone-alt"></i>
                    +8801830151784 </a>
                </li>
                <li class="nav-item">
                    <a class="nav-
link" href="#"><i class="fas fa-street-
view"></i> 9/25 Block C,
                        Mohammadpur</a>
                </li>
                <li class="nav-item">
                    <a class="nav-
link" href="mailto:info@example.com"><i class="far fa-
envelope"></i>
                        info@example.com</a>
                </li>
            </ul>
        </div>
    </div>
</nav>
</div>

```

```

<!--===== navbar part goes here =====-->
<nav class="navbar navbar-expand-md navbar-dark bg-
dark">
    <div class="container">
        <a class="navbar-brand" href="#">LOGO</a>
        <button class="navbar-
toggler" type="button" data-bs-toggle="collapse"
data-bs-
target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false"
aria-label="Toggle navigation">
            <i class="fas fa-bars"></i>
        </button>
        <div class="collapse navbar-
collapse" id="navbarSupportedContent">
            <ul class="navbar-nav ms-auto mb-2 mb-
lg-0">
                <li class="nav-item">
                    <a class="nav-link active" aria-
current="page" href="index.html">HOME</a>
                </li>
                <li class="nav-item">
                    <a class="nav-
link" href="admission.html">ADMISSION</a>
                </li>
                <li class="nav-item">
                    <a class="nav-
link" href="categories.html">CATEGORIES</a>
                </li>
                <li class="nav-item">
                    <a class="nav-
link" href="shop.html">SHOP</a>

```

```

        </li>
        <li class="nav-item">
            <a class="nav-
link" href="contact.html">CONTACT</a>
        </li>
        <li class="nav-item">
            <a class="nav-
link" href="cart.html"><i class="fas fa-cart-
plus"></i></a>
        </li>

    </ul>
</div>
</div>
</nav>
<!--===== Banner part goes here =====-->
<section id="banner" class="img-fluid w-100">
    <div class="container banner-main">
        <div class="row">
            <div class=".col-lg-6 col-md-6 col-sm-
6 col-6"></div>
            <div class="col-lg-6 col-md-6 col-sm-
6 col-6 ms-auto">
                <div class="banner-text">
                    <div class="content">
                        <h3>The mine is primary</h3>
                        <h1>Fitness club</h1>
                        <p>wake up. It's time to cha
nge</p>
                        <a href="admission.html">Joi
n us now</a>
                    </div>

```

```

        </div>
    </div>
</div>
</div>
</section>

<!--===== Service part goes here =====-->
<section id="service">
    <div class="container service-main">
        <div class="row">
            <div class="col-lg-4 m-auto">
                <div class="service1">
                    <i class="fas fa-layer-
group"></i>
                        <h2>Progression</h2>
                        <p>Lorem ipsum dolor sit amet co
nsectetur adipisicing elit. Natus, laboriosam!</p>
                    </div>
                </div>
                <div class="col-lg-4 m-auto">
                    <div class="service2">
                        <i class="fas fa-american-sign-
language-interpreting"></i>
                            <h2>Workout</h2>
                            <p>Lorem ipsum dolor sit amet co
nsectetur adipisicing elit. Natus, laboriosam!</p>
                        </div>
                    </div>
                    <div class="col-lg-4 m-auto">
                        <div class="service3">
                            <i class="fab fa-accusoft"></i>
                                <h2>Nutrition</h2>

```

```

        <p>Lorem ipsum dolor sit amet co
nsectetur adipisicing elit. Natus, laboriosam!</p>
    </div>
</div>
</div>
</div>

</section>
<!--===== about part goes here =====-->
<section>
    <div class="container">
        <div class="row">
            <div class="col-lg-6 col-md-6 col-sm-
12 col-12" id="about-left">
                <div class="about1">
                    <h4>FITNESS ALL ABOUT</h4>
                    <h2>WHAT IS FUNCTIONAL</h2>
                    <h3>Kick your feet up! With a gy
m designed around you,
                        we think you'll love it here
                    .</h3>
                    <p>Our state of the art gyms pro
vide you with a great place to work out in, whether you
are
                        there to
                        burn off some calories or ar
e training for something more specific. Why not visit yo
ur
                        nearest
                        Gym Center and take a look?
We're here to help you!</p>
                <div class="row">

```

```

                <div class="col-lg-2 col-md-
2 col-sm-2 col-2" id="abouticon">
                    <div class="about-icon">
                        <i class="fab fa-
napster"></i>
                    </div>
                </div>
                <div class="col-lg-10 col-
md-10 col-sm-10 col-10">
                    <h3>Free Fitness Trainin
g</h3>
                    <p>Train with the best e
xperts in bodybuilding field.</p>
                </div>
            </div>
            <div class="row">
                <div class="col-lg-2 col-md-
2 col-sm-2 col-2" id="abouticon">
                    <div class="about-icon">
                        <i class="fab fa-
accessible-icon"></i>
                    </div>
                </div>
                <div class="col-lg-10 col-
md-10 col-sm-10 col-10">
                    <h3>Free Fitness Trainin
g</h3>
                    <p>Train with the best e
xperts in bodybuilding field.</p>
                </div>
            </div>

```

```

        </div>
    </div>

    <div class="about-img col-lg-6 col-md-
6 col-sm-12 col-12">
        
    </div>
</div>
</div>
</section>
<!--===== team part goes here =====-->
<section id="team">
    <div class="container">
        <div class="row">
            <div class="col-lg-12">
                <div class="team-tex">
                    <h2>team staff</h2>
                    <h3>team of expert coaches</h3>
                </div>
            </div>

            <div class="row team-slider">
                <div class="col-lg-4">
                    <div class="card">
                        <div class="card-
img">
                        </div>
                        <div class="card-overlay"></div>

```

```

        <div class="card-body">
            <h5 class="card-
title">Card title</h5>
            <p class="card-text">
Lorem ipsum dolor sit amet consectetur adipisicing elit.
Tempora, repellat
of the card's content.</
p>
            <a href="#">read more <i cla
ss="fas fa-chevron-right"></i></a>
        </div>
    </div>
</div>
<div class="col-lg-4">
    <div class="card">
        <div class="card-
img">
        </div>
        <div class="card-overlay"></div>
        <div class="card-body">
            <h5 class="card-
title">Card title</h5>
            <p class="card-text">
Lorem ipsum dolor sit amet consectetur adipisicing elit.
Tempora, repellat
of the card's content.</
p>
            <a href="#">read more <i cla
ss="fas fa-chevron-right"></i></a>
        </div>
    </div>

```

```

        </div>
        <div class="col-lg-4">
            <div class="card">
                <div class="card-
img">
                </div>
                <div class="card-overlay"></div>
                <div class="card-body">
                    <h5 class="card-
title">Card title</h5>
                    <p class="card-text">
Lorem ipsum dolor sit amet consectetur adipisicing elit.
Tempora, repellat p>
                    <a href="#">read more <i cla
ss="fas fa-chevron-right"></i></a>
                </div>
            </div>
        </div>
        <div class="col-lg-4">
            <div class="card">
                <div class="card-
img">
                </div>
                <div class="card-overlay"></div>
                <div class="card-body">
                    <h5 class="card-
title">Card title</h5>
                    <p class="card-text">
Lorem ipsum dolor sit amet consectetur adipisicing elit.
Tempora, repellat p>

```

```

                <a href="#">read more <i cla
ss="fas fa-chevron-right"></i></a>
            </div>
        </div>
    </div>
</div>
</section>
<!--===== contact part goes here =====-->

<!--===== footer part goes here =====-->
<!-- Site footer -->
<footer class="site-footer">
    <div class="container">
        <div class="row">
            <div class="col-lg-2">

            </div>
            <div class="col-lg-4 col-sm-6 col-12">
                <h6>About</h6>
                <p class="text-
justify">Lorem ipsum dolor sit amet consectetur adipisic
ing elit. Tempora, repellat
                veniam iusto fugiat beatae conse
quuntur quasi nesciunt voluptatum fuga odio ipsam eius a
t soluta
                sit voluptate impedit consectetu
r! Cumque, ullam.</p>
            </div>

            <div class="col-lg-2 col-sm-3 col-6">

```

```

        <h6>OUR SERVICES</h6>
        <ul class="footer-links">
            <li><a href="#">HOME</a></li>
            <li><a href="#">ADMISSION</a></li>
i>
            <li><a href="#">CATEGORIES</a></li>
li>
            <li><a href="#">SHOP</a></li>
            <li><a href="#">ORDER</a></li>
            <li><a href="#">CONTACT</a></li>
        </ul>
    </div>

    <div class="col-lg-2 col-sm-3 col-6">
        <h6>Working Hours</h6>
        <p>
            Monday - Friday</br>
            7.00 am - 11.00 pm</br>
            Saturday</br>
            7.00 am - 10.00 pm</br>
            Sunday Closed
        </p>
    </div>
    <div class="col-lg-2">

    </div>
</div>
<hr>
</div>
<div class="container">
    <div class="row">

```

```

        <div class="col-lg-6 col-md-6 col-sm-
6 col-xs-12">
            <p class="copyright-
text">Copyright &copy; 2021 All Rights Reserved by
                <a href="#">Mahbub</a>.
            </p>
        </div>

        <div class="col-lg-6 col-md-6 col-sm-
6 col-xs-12">
            <ul class="social-icons">
                <li><a class="facebook" href="#"
><i class="fab fa-facebook-square"></i></a></li>
                <li><a class="twitter" href="#">
<i class="fab fa-twitter"></i></a></li>
                <li><a class="dribbble" href="#"
><i class="fab fa-instagram"></i></a></li>
                <li><a class="linkedin" href="#"
><i class="fab fa-linkedin"></i></a></li>
            </ul>
        </div>
    </div>
</div>
</footer>
<!--===== footer part goes here =====-->

<script src="js/jquery-1.12.4.min.js"></script>
<script src="js/slick.min.js"></script>
<script src="js/bootstrap.bundle.min.js"></script>
<script src="js/custom.js"></script>
</body>

```

```
</html>
```

```
@extends('layout.backend')
@section('main')
<div class="row mb-3">
    <h2 class="text-center">Create New Product</h2>
<div class="col-md-3"></div>
<div class="col-md-6 mt-5">
    @if ($errors->any())
        <div class="alert alert-danger">
            <ul>
                @foreach ($errors->all() as $error)
                    <li>{{ $error }}</li>
                @endforeach
            </ul>
        </div>
    @endif
    <form action="{{route('admin.products.create')}}" method="post" enctype="multipart/form-data">
        @csrf
        <div>
            <label for="name" class="form-label">Name</label>
            <input type="text" class="form-control" id="name" name="name" value="{{ old('name') }}" >
        </div>
        <div>
            <label for="price" class="form-label">Price</label>
```

```

        <input type="number" class="form-
control" id="price" name="price" value="{{ old('price')
}}">
    </div>
    <div>
        <label for="discount" class="form-
label">Discount</label>
        <input type="number" class="form-
control" id="discount" name="discount" value="{{ old('di
scount') }}">
    </div>
    <div>
        <label for="description" class="form-
label">Description</label>
        <textarea name="description" id="description" class=
"form-
control" cols="30" rows="5">{{ old('description') }}</te
xtarea>
    </div>
    <div>
        <label for="photo" class="form-label">Photo</label>
        <input type="file" name="photo" id="photo" class="fo
rm-control">
    </div>
    <button type="submit" class="btn btn-primary mt-
3">Submit</button>
</form>
</div>
</div>
@endsection
<header class="navbar navbar-dark sticky-top bg-
dark flex-md-nowrap p-0 shadow">

```

```

    @if (auth()->user())
      <a class="navbar-brand col-md-3 col-lg-2 me-0 px-3" href="{{ route('profile') }}">{{ auth()->user()->name }}</a>
    @else
      <a class="navbar-brand col-md-3 col-lg-2 me-0 px-3" href="#">Fitness Center</a>
    @endif

    <button class="navbar-toggler position-absolute d-md-none collapsed" type="button" data-bs-toggle="collapse" data-bs-target="#sidebarMenu" aria-controls="sidebarMenu" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <input class="form-control form-control-dark w-100" type="text" placeholder="Search" aria-label="Search">
    <div class="navbar-nav">
      <div class="nav-item text-nowrap">
        <a class="nav-link px-3" href="{{ route('login') }}">Sign out</a>
      </div>
    </div>
</header>

```

Conclusion of the Project Gym Website:

This project is too much challengeable to satisfy prerequisites to ensure their task. A simple coding have taken for the project. This project have a fantastic module and e-commerce management system. For this project will help awareness among the general people about exercise and gym instrument. It is very short time to prepare this project but this will help the other people to learn about the project. In future it will have multivendor place and also android, iOS app from the project. Multivendor means every seller can create an account and they will sell their products.

Concluded following points & Further Developments ...

- A portrayal of the foundation and setting of the errand.
- Created verbalization of the main and objectives of the effort.
- The depiction of Course, Augmentation, and importance.
- We are working in the errand which members demand.
- It also a rideable platform for make payment, get diet chart, gym schedule and many more form this platform.
- We grasp the issue produce a model structure that will be benefited for gym affected people.
- We managed UI and reliable security related project
- I want to update this project in future. It should be get in google apps for this website. Will be easily control from mobile.

Finally the framework is carried out and tried by experiments.

References

- <https://projectworlds.in/free-projects/php-projects/gym-management-system-project-in-php/>
- <https://www.freeprojectz.com/project-report/6128>
- <https://pdfcoffee.com/gym-website-pdf-free.html>
- <https://blog.wodify.com/post/5-important-gym-website-features-you-must-have>
- <https://www.w3schools.com/>
- <https://www.php.net/>
- <https://laravel.com/docs/8.x>

