

**A PROJECT ON  
“GYM MANAGEMENT SYSTEM”**

SUBMITTED IN  
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR  
THE COURSE OF  
DIPLOMA IN ADVANCED COMPUTING FROM CDAC



**SUNBEAM INSTITUTE OF INFORMATION TECHNOLOGY  
Hinjawadi**

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## CERTIFICATE

This is to certify that the project work under the title 'Online Electronics Shopping' is done by Rishikesh Paitwar, Tushar Pimpalshende, Omkar Thube, Swapnil Borkar in partial fulfillment of the requirement for award of Diploma in Advanced Computing Course.

**Mrs. Pooja Jaiswal    Mr. Yogesh Kolhe**  
**Project Guide              Course Co-Coordinator**

Date: 31/08/2023

## **ACKNOWLEDGEMENT**

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A project usually falls short of its expectation unless aided and guided by the right persons at the right time. We avail this opportunity to express our deep sense of gratitude towards Mr. Nitin Kudale (Center Coordinator, SIIT, Pune) and Mr. Yogesh Kolhe (Course Coordinator, SIIT, Pune).

We are deeply indebted and grateful to them for their guidance, encouragement and deep concern for our project. Without their critical evaluation and suggestions at every stage of the project, this project could never have reached its present form.

Last but not the least we thank the entire faculty and the staff members of Sunbeam Institute of Information Technology, Pune for their support.

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Swapnil Borkar

CDAC March 2023  
Batch, SIIT Pune

## **ABSTRACT**

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GYM Management system is an only online service that can be set up for your Gym to help manage classes membership keep track with little statistics Customer Management survive and it even as an online store so you can sell product

To your customers.

- It is simple it's effective and its way customers want their gym !
- Here is our feature like which is continuously growing :
- Manage customers
- Manage customer health question forms
- Manage customer surveys
- Screenshot of customers options
- Complete site statistic membership list screenshot of user statistics graphs
- Manager trainer or and class schedules
- Class management
- Create recurring classes and class types .

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## 1. INTRODUCTION TO PROJECT

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The web based “Gym Management System” project is an attempt to stimulate the basic concepts of gym management system. The system enables the customer to do the things such as select the gym plans, choose the desired diet plan and can provide the feedback accordingly.

The system provides you the facility with BMI calculator . If user want to buy any plan then it must require login into the account.

The system allows the member to search for Gym Plans and Diet Plan that are available. The system displays all the desired details which were selected by the user like gym plans, diet plans, trainers.

Here we provided the Gym plan details from which the user can select the desired plan. Then the system will allot the desired plan to the user on the basis of plan selected and will also show the user which trainer he/she is allotted to and workout details. Also, we provided the BMI calculator which will calculate according to the weight and height and suggest some gym plans.

To user can update its details in User Profile section where the user has to fill certain data like Address, Age, Gender, Height, Weight, here the user can also update its Contact Number. Then according to the details provided the system will calculate the BMI which will be reflected in the top of the My Plans Section.

## **2.REQUIREMENTS**

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### **2.1 FUNCTIONAL REQUIREMENTS**

#### **2.1.1 User Account**

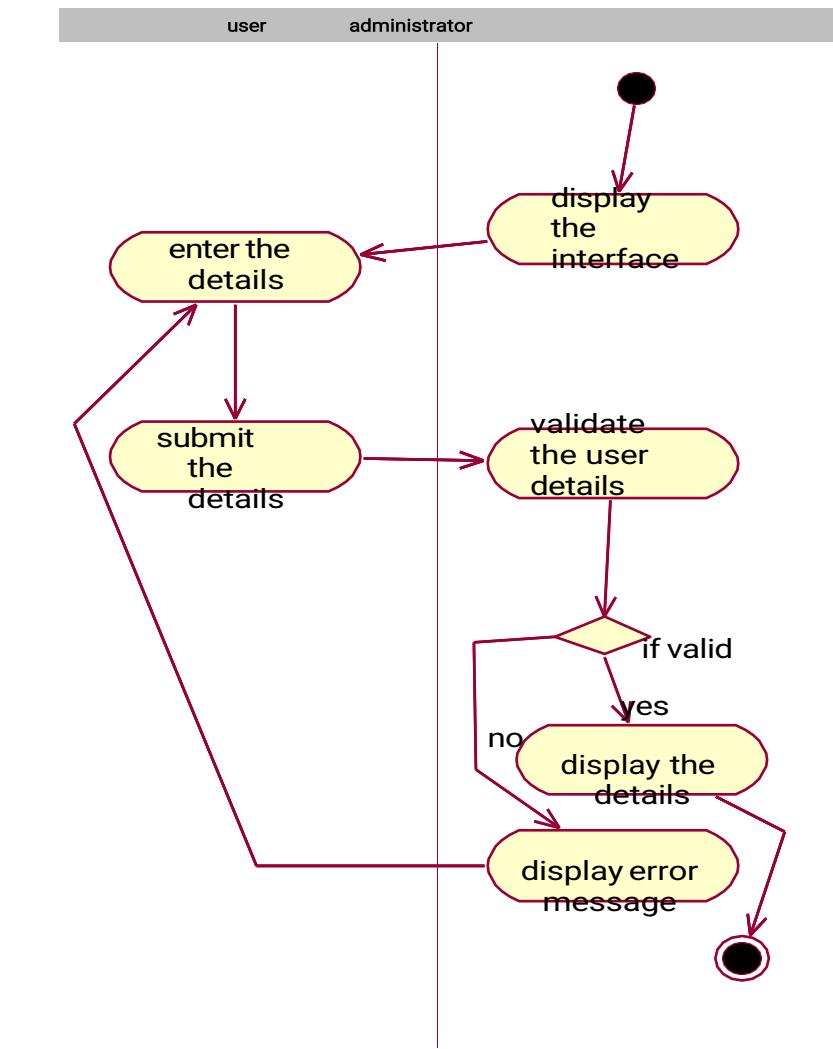
The customer, who will henceforth be called the ‘user’, will be presented with 2 choices by the Gym Management System. A user can choose one of these based on whether the user has previously used the application or not. There are 2 types of user present in the system. The level of authorization will be determined by whether the user is a customer or a admin. .

A user who has used the website earlier to buy plans would have been given a user id. The ‘personal information’ would be henceforth referred to as ‘profile’. Such a user with a profile in DB-user shall be called a ‘registered user’. A registered user will be able to browse the catalog of Gym plans, Diet plans and can also provide with the desired feedback.

A new user on the other hand has to register himself with the system by providing personal information. After submitting the information, he/she becomes a new registered user and can access all the user related functionality.

### 2.1.2 Registration and creation of user profile

The system shall require a user to register, in order to carry out any transactions with it. It will ask the user for the following information at the least – User Name, Contact Number, Email, Password, Security Question, Answer. The system will automatically register the user in the role of MEMBER.



### **2.1.3USER Scope**

Through this application user can access following features :-

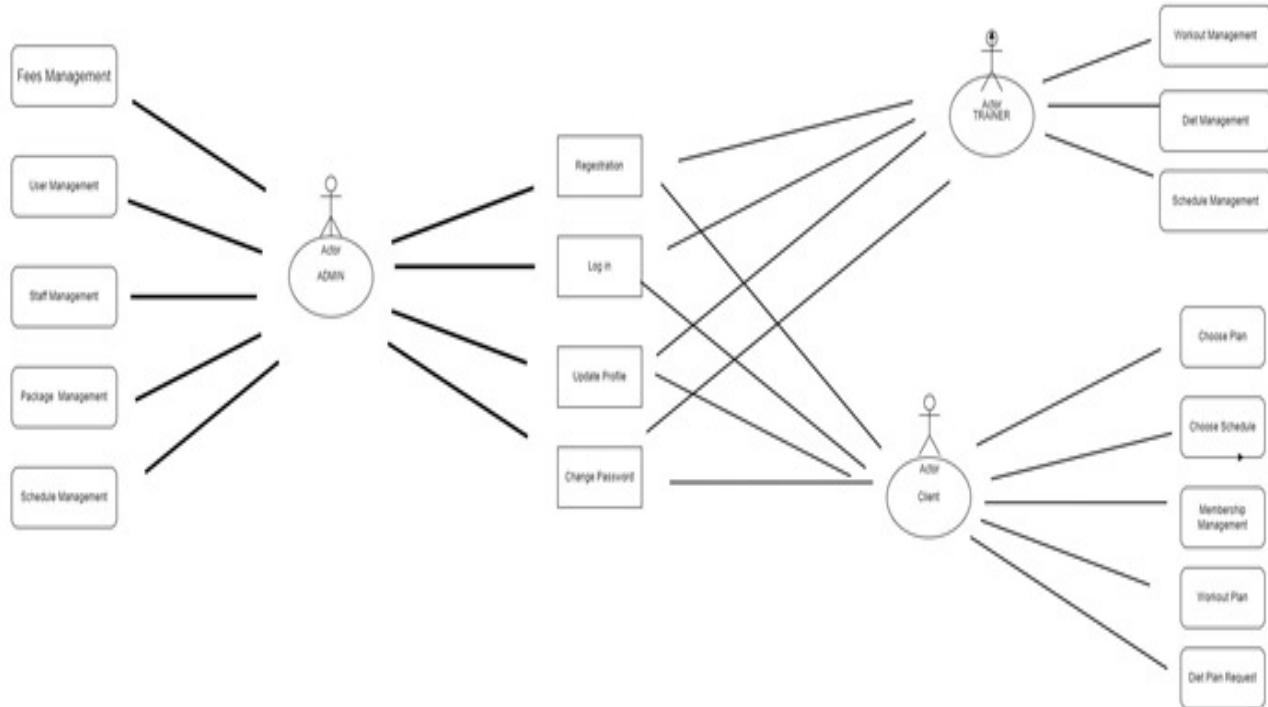
- A) User Profile
- B) My Plans
- C) Browse Plans
- D) Diet Plans
- E) Feedback

## **2.1.4ADMIN Scope**

An admin user has access to all the administrator related functionality

- - A) Members available in the Gym
  - B) Edit the admin profile
  - C) Add or Delete the Trainer
  - D) Add or Delete the Gym Plans
  - E) Add or Delete the Diet Plans
  - F) Equipment available in the Gym
  - G) Feedback given by the Members

## GYM MANAGEMENT SYSTEM



## 2.2 NON FUNCTIONAL REQUIREMENTS

### 2.2.1 Interface

Go to Appendix B for user interfaces.

### 2.2.2 Performance

- **Number of Concurrent Users:**

Electronics Store shall be able to handle at least 1000 transactions per second

- **Ordering products:**

The system is susceptible to any temporary server failure since it uses the strong feature of Spring boot and Hibernate. Hence the application will be down in case of any issue with server.

### 2.2.3 Constraint

Electronics Store shall be able to handle at least 1000 Tx/sec.

#### **2.2.4 Other Requirements:**

- **Hardware Interfaces**

The application is expected to function on Intel PIII 900 MHz Processor equivalent or above, 128 MB RAM, 20 GB HDD.

- **Software Interfaces**

The application shall work on MS Windows operating systems family (MS Windows 98, MS Windows NT Workstation, MS Windows 2000, MS Windows XP). It is configured to work with MySQL database. This System works on Apache Tomcat server. It uses browser IE 5.0 & above.

### 3. DESIGN

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#### 3.1 Database Design

The following table structures depict the database design.

Table1: User\_Entity

Key Type/ Constraint	Column Name	Data Type	Length	Allow Null (1=Yes;0=No)
3	id	bigint	8	0
0	email	varchar	25	0
0	first_name	varchar	25	0
0	gender	varchar	10	0
0	joined_on	timestamp	20	1
0	last_name	varchar	25	0
0	password	varchar	75	0
0	phone	varchar	13	0

Table2: User\_address

3	id	bigint	8	0
0	address_line1	varchar	200	0
0	address_line2	varchar	200	0
0	city	varchar	50	0
0	country	varchar	50	0
0	pincode	varchar	10	0
0	state	varchar	50	0
3	user_id	bigint	8	0

Table3: roles

3	id	bigint	8	0
3	role_name	varchar	20	1

Table4: User\_roles

3	user_id	bigint	8	0
3	role_id	bigint	8	0

Table5: Product\_Category

3	id	bigint	8	0
0	name	varchar	50	0

Table6: Product\_details

3	id	bigint	8	0
0	brand	varchar	50	0
0	description	varchar	500	0
0	image_path	varchar	100	0
0	name	varchar	50	0
0	price	double	16	0
0	removed_status	tinyint	1	1
3	category_id	bigint	8	0

Table7: Product\_inventory

3	id	bigint	8	0
0	quantity	double	16	0
3	product_id	bigint	8	1

Table8: Cart\_items

3	id	bigint	8	0
0	quantity	int	4	0
3	product_id	bigint	8	1
3	user_id	bigint	8	1

**Table9: Order\_details**

3	id	bigint	8	0
0	cod_status	tinyint	1	1
0	created_at	timestamp	20	1
0	status	varchar	16	0
0	status_updated_at	timestamp	20	1
3	address_id	bigint	8	1
3	user_id	bigint	8	1

**Table10: Order\_items**

3	id	bigint	8	0
0	quantity	int	4	0
3	product_id	bigint	8	1
3	order_id	bigint	8	1

**Table11: Wishlist**

3	id	bigint	8	0
3	user_id	bigint	8	0

**Table12: Wishlist\_products**

3	wishlist_id	bigint	8	0
3	product_id	bigint	8	0

**Table13: Review\_details**

3	id	bigint	8	0
0	date_added	timestamp	20	1
0	description	varchar	200	0
0	rating	int	4	0
0	title	varchar	200	0
3	product_id	bigint	8	1
3	user_id	bigint	8	1

**Table14: Sales\_details**

3	id	bigint	8	0
0	quantity	int	8	0
0	sold_on	date	10	1
3	product_Id	bigint	8	0
3	category_id	bigint	8	0

**Table15: Transaction\_records**

3	id	bigint	8	0
0	amount	double	16	0
0	transaction_timestamp	date	10	1
3	order_Id	bigint	8	1

**Table16: Product\_brand**

3	id	bigint	8	0
0	name	varchar	50	0

**Table17: Discount\_details**

3	id	bigint	8	0
0	coupon_code	varchar	255	0
0	created_at	timestamp	10	1
3	percentage	double	16	0
3	valid_date	date	10	0

**Table18: Payment\_details**

3	id	bigint	8	0
0	amount	double	16	0
0	status	varcahr	20	0
3	order_id	bigint	8	1

*GYM MANAGEMENT SYSTEM*

**Table19: Card\_details**

3	id	bigint	8	0
0	card_number	varchar	16	0
0	cvv	varchar	3	0
0	Expiry	varchar	16	0
0	name	varchar	50	0
3	user_id	Bigint	8	0

**E-R Diagram,Dataflow diagram and Class Diagram:**

Go to Appendix A

## 4. CODING STANDARDS IMPLEMENTED

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### Naming and Capitalization

Below summarize the naming recommendations for identifiers in Pascal casing is used mainly (i.e. capitalize first letter of each word) with camel casing (capitalize each word except for the first one) being used in certain circumstances.

Identifier	Case	Examples	Additional Notes
Class	Pascal	ProductDetails, Wishlist, OrderDetails, OrderItems	Class names should be based on "objects" or "real things" and should generally be nouns. No '_' signs allowed. Do not use type prefixes like 'C' for class.
Method	Camel	getWishlist, getProductDetails	Methods should use verbs or verb phrases.
Parameter	Camel	productId, brandName	Use descriptive parameter names. Parameter names should be descriptive enough that the name of the parameter and its type can be used to determine its meaning in most scenarios.
Packages	Lowercase	com.app.services	Names should be in lowercase. With small projects that only have a few packages it's okay to just give them simple (but meaningful!) names
Interfaces	Camel	IWishlistService, IProductDetailsService	Names should be in CamelCase. They tend to have a name that describes an operation that a class can do.
Variables	Camel	orderId, productName	Names should be in camel case. The names should represent what the value of the variable represents.

### **Comments**

- Comment each type, each non-public type member, and each region declaration.
- Use end-line comments only on variable declaration lines. End-line comments are comments that follow code on a single line.
- Separate comments from comment delimiters (apostrophe) or // with one space.
- Begin the comment text with an uppercase letter.
- End the comment with a period.
- Explain the code; do not repeat it.

## 5. TEST REPORT

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### GENERAL TESTING:

SR-NO	TEST CASE	EXPECTED RESULT	ACTUAL RESULT	ERROR MESSAGE
1	Register Page	Redirected to Next page	OK	Nothing
2	Login Page	Redirected to Home page	Ok	Invalid email or Password.
3	Search Products	Gives Required Product details	Ok	Nothing
4	Add Product to Cart	Product added to Cart Pop up Message	Ok	Nothing
5	Proceed To Check Out	Redirected to check out page	Ok	Nothing
6	Select address and Payment option	Ordered successfully pop up and redirected to home page	Ok	Nothing
7	Categories page	Shows Categories List	Ok	Nothing
8	Account Page	Displays Dashboard for User	Ok	Nothing
9	Order History	Shows delivered, cancelled, and ordered status of products	Ok	Nothing
10	Order details Page	Shows Order details and Review product Option	Ok	Nothing
11	Wishlist	Displays All List of Wish listed Products	Ok	Nothing
12	Delete Product from Wishlist	Product gets Deleted	Ok	Nothing
13	Add Address	Redirected to Add New Address Page	Ok	Nothing
14	Edit Product	Redirected to Edit Product Page	Ok	Nothing
15	Delete Product	Product deleted successfully Pop up	Ok	Nothing

**GYM MANAGEMENT SYSTEM**

16	Dashboard of admin	Displays Admin Menu	Ok	Nothing
17	View Orders	Displays Ordered, delivered, cancelled and In-Transit Status of orders	Ok	Nothing
18	Add New Product	Redirected to Add Product Page	Ok	Nothing

## GYM MANAGEMENT SYSTEM

19	View Customer List	All Current Users List is displayed	Ok	Nothing
20	Delete User	Pop Up User deleted Successfully and redirected to home page	Ok	Nothing
21	Inventory management	Displays All Products in inventory	Ok	Nothing
22	Edit quantity	Edit quantity lets update quantity	Ok	Nothing
23	Add New Category	Let's you Add New Product Category	Ok	Nothing
24	Sales Analytics	Displays Best Selling product as per category and gives Sales Information	Ok	Nothing
25	Choose Range of dates for Sales Analytics	Let's you choose the date and displays Graphical Data Accordingly	Ok	Nothing
26	Logout	It will logout from user profile with pop up Logged Out Successfully	Ok	Nothing

## 6. PROJECT MANAGEMENT RELATED STATISTICS

DATE	WORK PERFORMED	SLC Phase	Additional Notes
AUG 12,2023	Project Allotment and User Requirements		Our team met the client Mr. Nitin kudale (CEO, SIIT Pune) to know his requirements.
AUG 14,2023	Gathering Initial SRS Document Validation And Team Structure Decided	Feasibility Study Requirement Analysis (Elicitation)	The initial SRS was presented to the client to understand his requirements better Database design completed
AUG 16,2023	Designing the use-cases, Class Diagram, Collaboration Diagram, E-R Diagram and User Interfaces	Requirement Design Phase	
AUG 17,2023	Business Logic Component design Started	Design Phase	-----
AUG 18,2023	Coding Phase Started	Coding Phase	70% of Class Library implemented.
AUG 19,2023	Implementation of Web Application and Window Application Started	Coding Phase	Class Library Development going on.
AUG 21,2023	Implementation of Web Application and Window Application Continued	Coding Phase and Unit Testing	Class Library Modified as per the need.
AUG 23,2023	Implementation of Web Application and Window Application Continued	Coding Phase and Unit Testing	
AUG 24,2023		After Ensuring Proper Functioning the	Required Validations were Implemented

## *GYM MANAGEMENT SYSTEM*

Coding  
Phase and  
Unit Testing

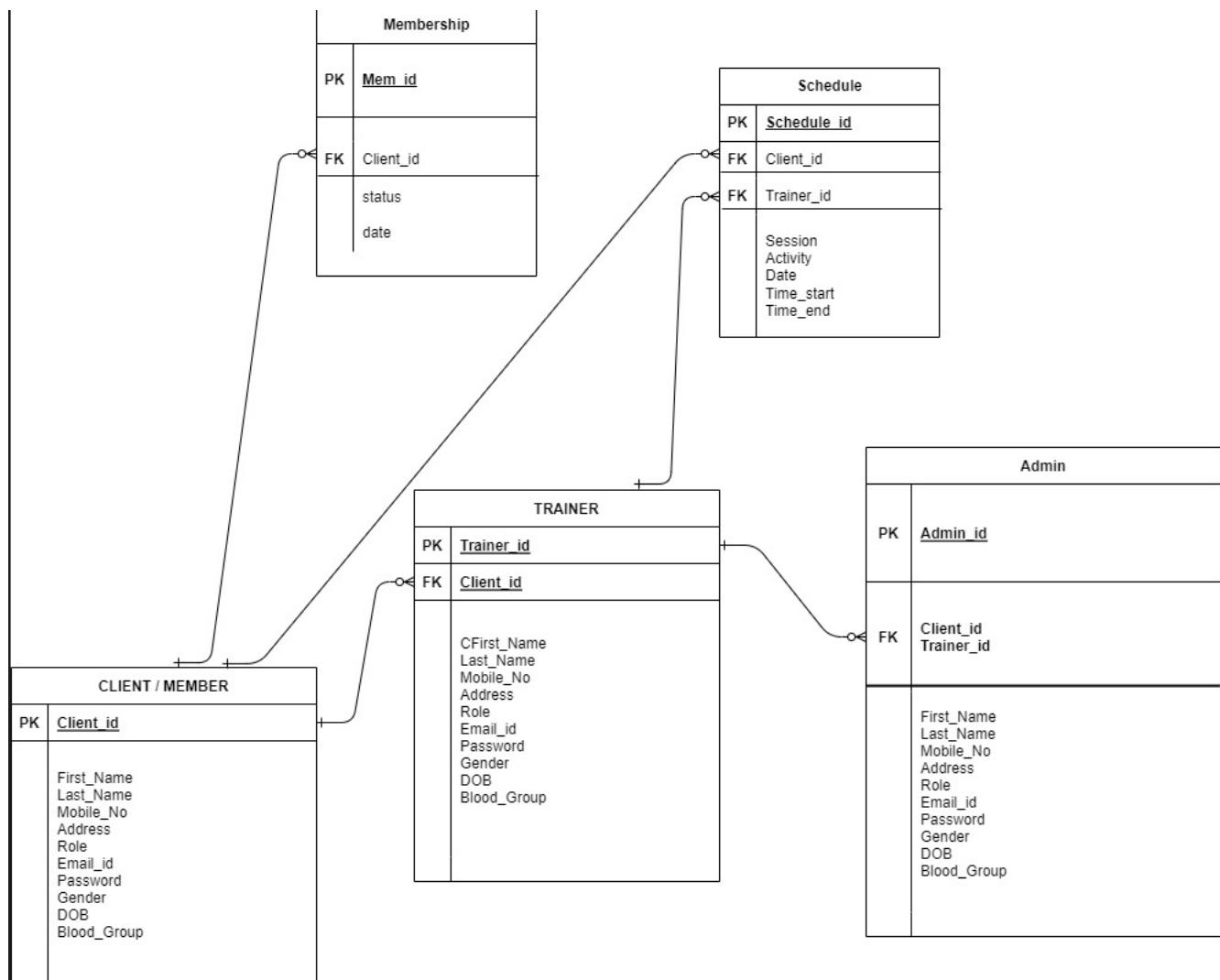
Module Integration was  
done by the Project  
Manager

## GYM MANAGEMENT SYSTEM

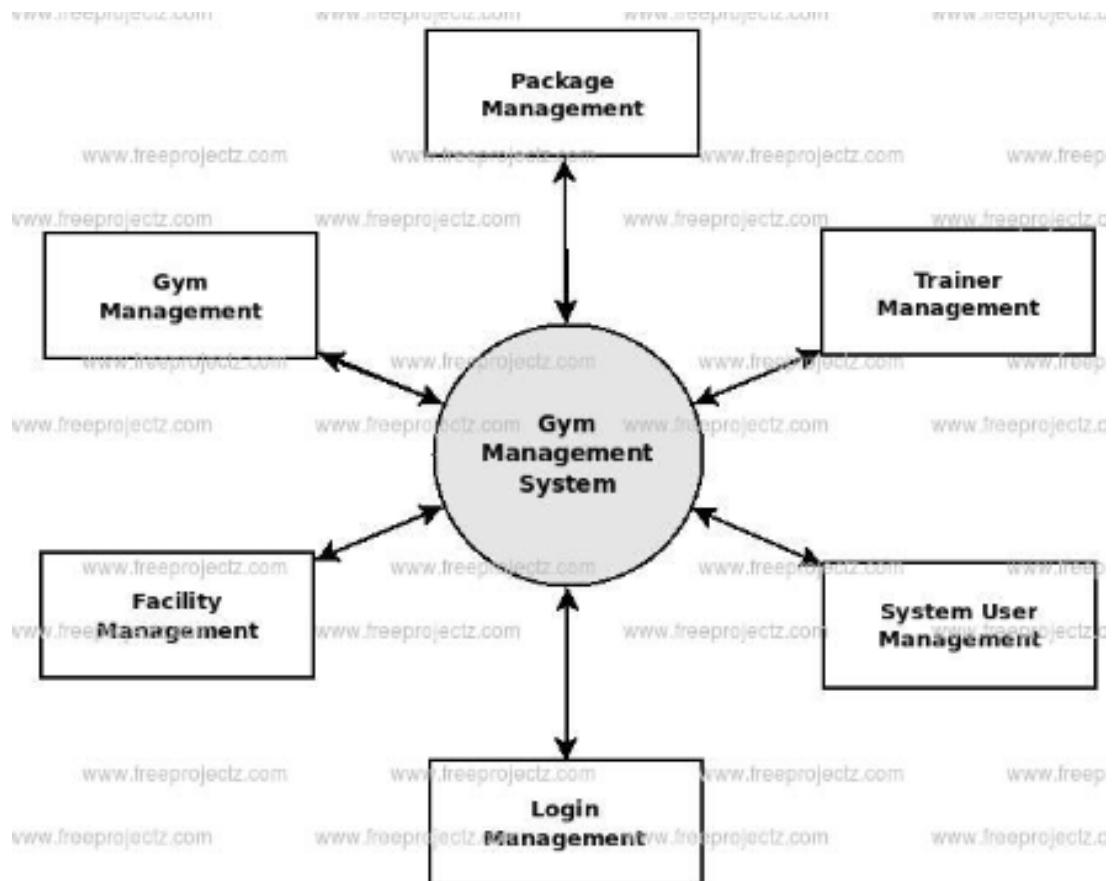
AUG	The Project was Tested by the respective Team Leaders and the Project Manager	Testing Phase (Module)	-
AUG	The Project was Submitted to Other Project Leader of Other Project Group For Testing	Testing Phase (Acceptance)	The Project of Other Team was Taken up by the Team for
AUG	The Errors Found were	Debugging	The Project was complete for submission
AUG	Final Submission of		

## Appendix A

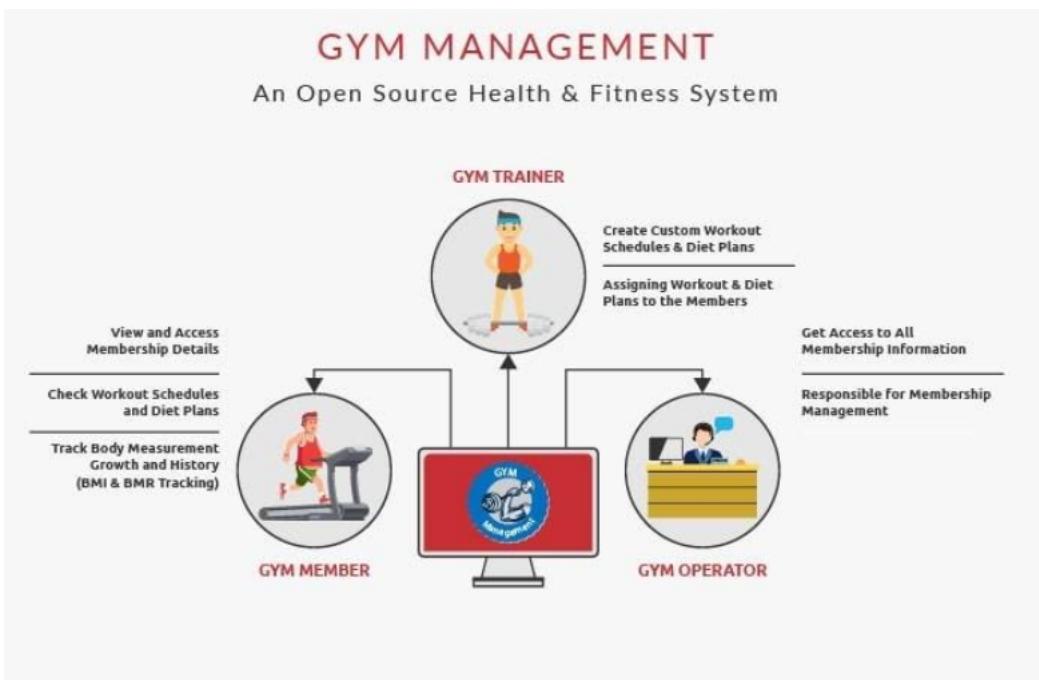
### Entity Relationship Diagram



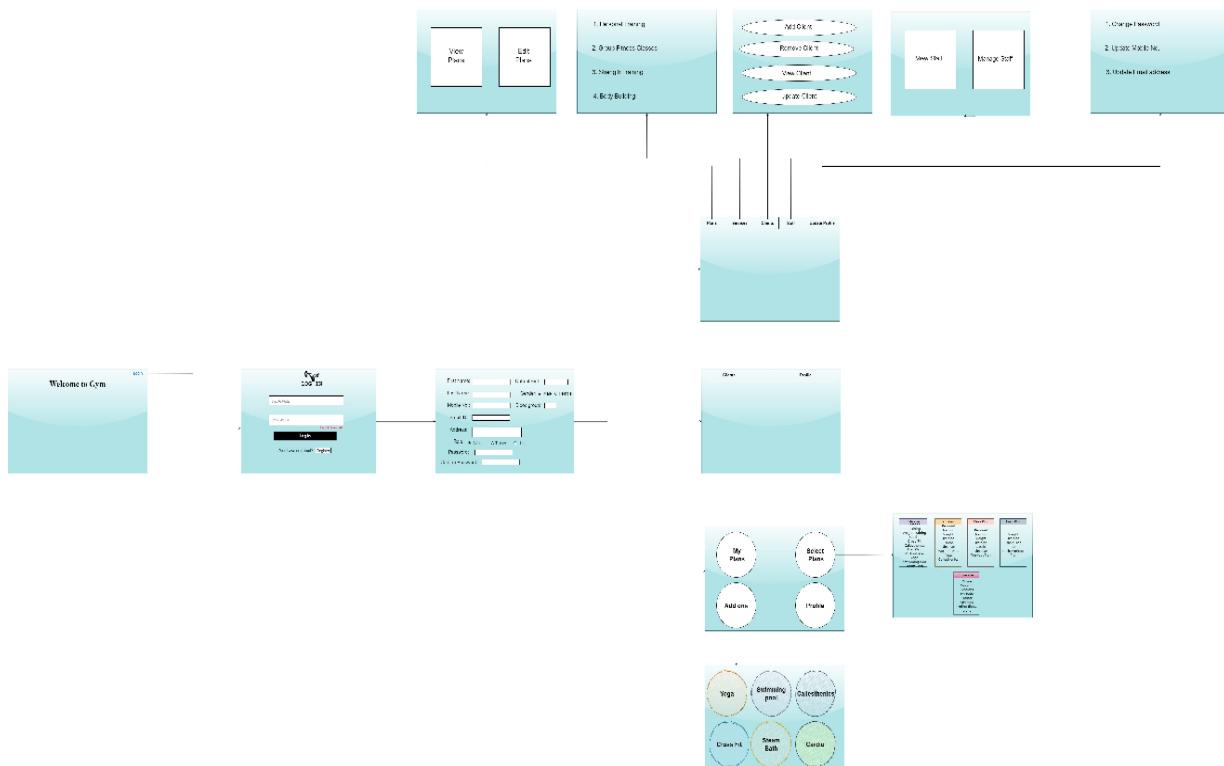
**Data Flow Diagram:**







## UI Diagram :



## Class Diagram

### Controller

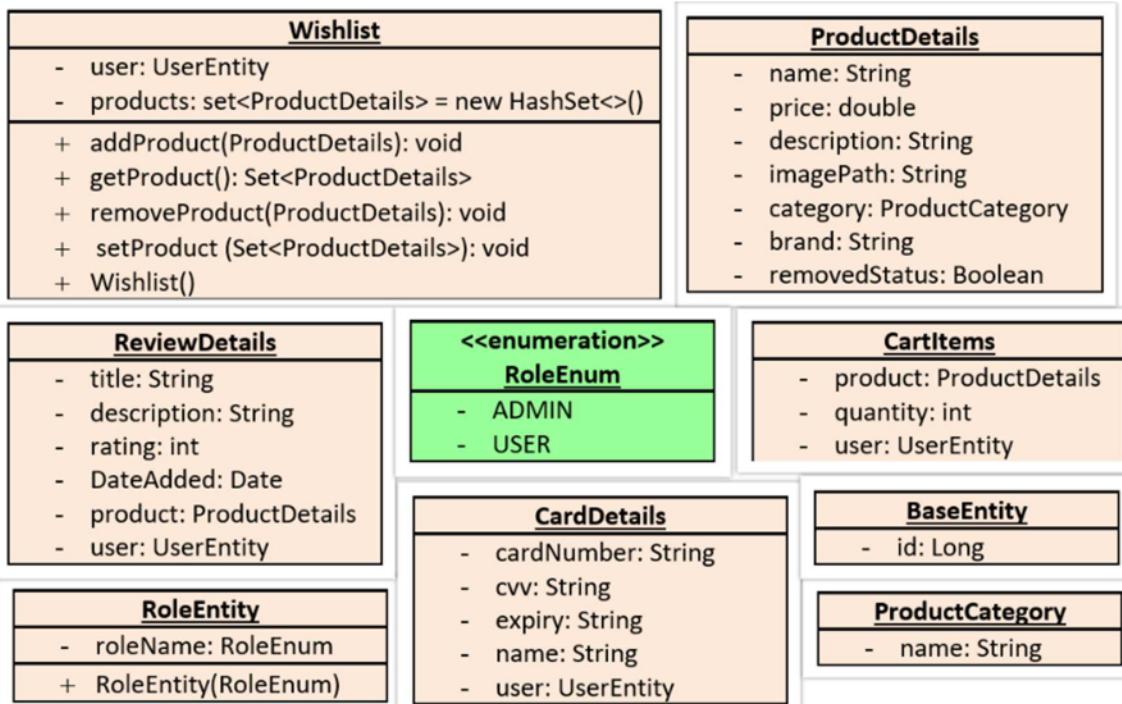
<p><b>AdminController</b></p> <ul style="list-style-type: none"> <li>- adminService: IAdminService</li> <li>- productInventoryService: IProductInventoryService</li> <li>- productService: IProductService</li> <li>- categoryService: ICategoryService</li> <li>- imageService: ImageHandlingService</li> <li>- orderDetailsService: IOrderDetailsService</li> </ul> <ul style="list-style-type: none"> <li>+ addProductDetails (ProductDTO): ResponseEntity&lt;?&gt;</li> <li>+ addCategory(CategoryDTO) ResponseEntity&lt;?&gt;</li> <li>+ addDiscount(DiscountDetails): ResponseEntity&lt;?&gt;</li> <li>+ deleteProduct(Long): ResponseEntity&lt;?&gt;</li> <li>+ deleteDiscountDetails(long): ResponseEntity&lt;?&gt;</li> <li>+ deleteUser(long): ResponseEntity&lt;?&gt;</li> <li>+ editProductDetails(ProductDTO, long): ResponseEntity&lt;?&gt;</li> <li>+ fetchAllDiscountDetails(): ResponseEntity&lt;?&gt;</li> <li>+ fetchAllUserDetails(): ResponseEntity&lt;?&gt;</li> <li>+ getAllProductsFromInventory(): ResponseEntity&lt;?&gt;</li> <li>+ getProductDetailsById(long): ResponseEntity&lt;?&gt;</li> <li>+ getOrderDetailsByStatus(String): ResponseEntity&lt;?&gt;</li> <li>+ showAllProducts(): ResponseEntity&lt;?&gt;</li> <li>+ showHomePage(): String</li> <li>+ updateDiscountDetails (DiscountDetails): DiscountDetails</li> <li>+ updateOrderStatus(OrderDetailsDto): ResponseEntity&lt;?&gt;</li> <li>+ updateQuantity(ProductInventoryDTO): ResponseEntity&lt;?&gt;</li> </ul>	<p><b>HomeController</b></p> <ul style="list-style-type: none"> <li>- productService: IProductService</li> <li>- categoryService: ICategoryService</li> <li>- imageService: ImageHandlingService</li> </ul> <ul style="list-style-type: none"> <li>+ downloadImage(long): ResponseEntity&lt;?&gt;</li> <li>+ getProdByCategory(String): ResponseEntity&lt;?&gt;</li> <li>+ getProductsByAuthor(String) ResponseEntity&lt;?&gt;</li> <li>+ getProductsByName(String): ResponseEntity&lt;?&gt;</li> <li>+ getCategories(): ResponseEntity&lt;?&gt;</li> <li>+ getReviews(Long) ResponseEntity&lt;?&gt;</li> </ul>
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<b>SignInSignUpController</b>
<ul style="list-style-type: none"> <li>- manager: AuthenticationManager</li> <li>- userService: IUserService</li> <li>- utils: JwtUtils</li> </ul> <ul style="list-style-type: none"> <li>+ userRegistration(UserDTO): ResponseEntity&lt;?&gt;</li> <li>+ validateUserCreateToken(AuthRequest): ResponseEntity&lt;?&gt;</li> </ul>

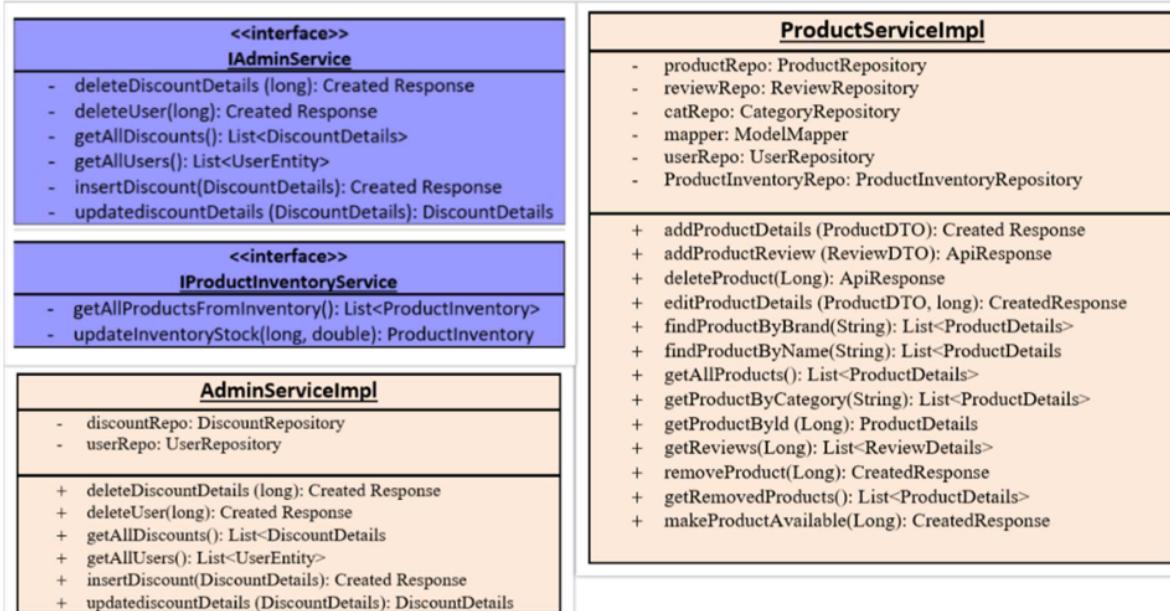
UserController
- productService : IProductService - cartService : ICartService - orderDetailsService : IOrderDetailsService - orderItemsService : IOrderItemsService - userService : IUserService - wishlistService : IWishListService
+ addProductReview (ReviewDTO): ResponseEntity<?> + addNewAddress(UserAddressDTO): ResponseEntity<?> + addToCart(CartDTO): ResponseEntity<?> + addToWishlist(WishListDTO): ResponseEntity<?> + cancelOrder(OrderDetailsDto): ResponseEntity<?> + checkout(CheckoutDto): ResponseEntity<?> + deleteProductFromCart(Long): ResponseEntity<?> + getAddress(Long): ResponseEntity<?> + getOrderDetails(long): ResponseEntity<?> + incrementProductQuantity (long, int): ResponseEntity<?> + removeFromWishlist(long, long): ResponseEntity<?> + updateaccountDetails(Long, UserEntity): ResponseEntity<?> + viewCart(long): ResponseEntity<?> + viewOrderHistory(long): ResponseEntity<?> + viewWishlist(long): ResponseEntity<?>

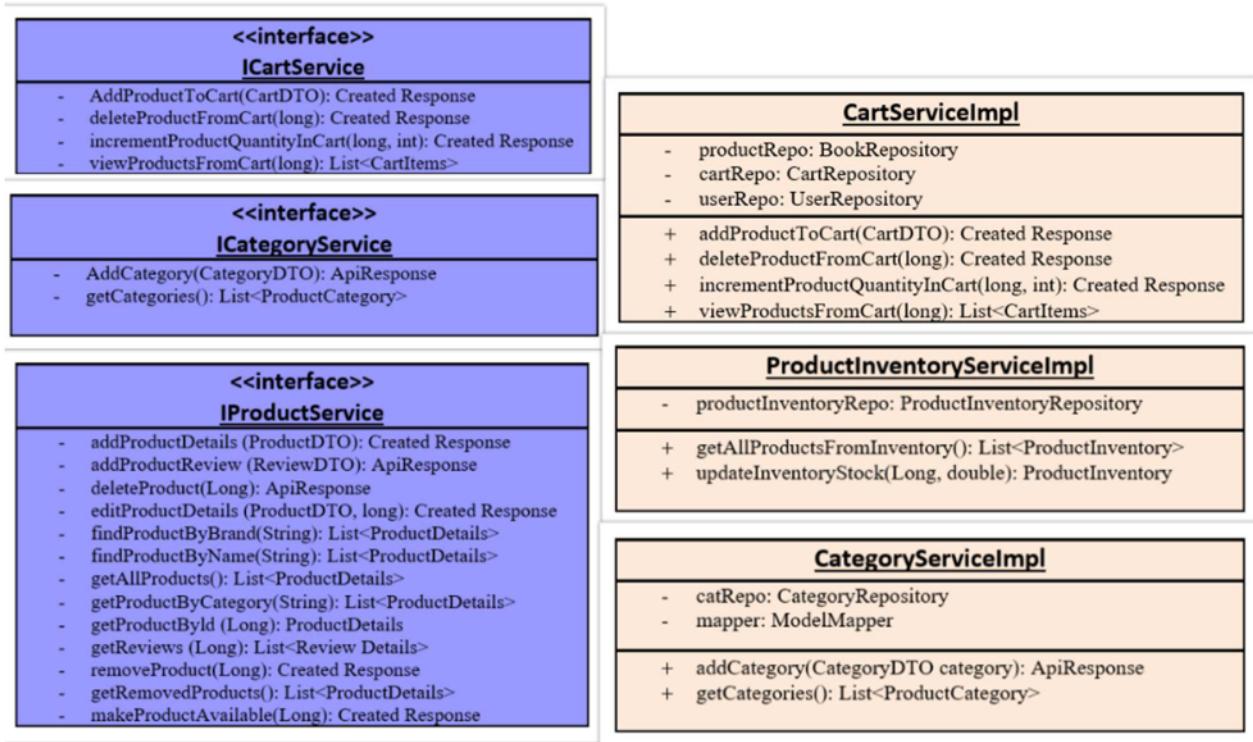
## Entities

<b>UserEntity</b>	<b>PaymentDetails</b>	<b>UserAddress</b>
<ul style="list-style-type: none"> <li>- email: String</li> <li>- firstName: String</li> <li>- gender: String</li> <li>- joinedOn: Timestamp</li> <li>- lastName: String</li> <li>- password: String</li> <li>- phone: String</li> <li>- userRoles: Set&lt;RoleEntity&gt; = new HashSet&lt;&gt;()</li> </ul>	<ul style="list-style-type: none"> <li>- amount: double</li> <li>- order: OrderDetails</li> <li>- status: String</li> </ul>	<ul style="list-style-type: none"> <li>- addressLine1: String</li> <li>- addressLine2: String</li> <li>- city: String</li> <li>- country: String</li> <li>- pincode: String</li> <li>- status: String</li> <li>- user: UserEntity</li> </ul>
<b>OrderDetails</b>	<b>ProductInventory</b>	<b>DiscountDetails</b>
<ul style="list-style-type: none"> <li>- address: UserAddress</li> <li>- codStatus: Boolean</li> <li>- createdAt: Date</li> <li>- status: String</li> <li>- statusUpdatedAt: Date</li> <li>- user: UserEntity</li> </ul>	<ul style="list-style-type: none"> <li>- product: ProductDetails</li> <li>- quantity: double</li> </ul>	<ul style="list-style-type: none"> <li>- couponCode: String</li> <li>- createdAt: Date</li> <li>- percentage: Double</li> <li>- status: String</li> <li>- validate: Date</li> </ul>
		<b>OrderItems</b>
		<ul style="list-style-type: none"> <li>- product: ProductDetails</li> <li>- order: OrderDetails</li> <li>- quantity: int</li> </ul>

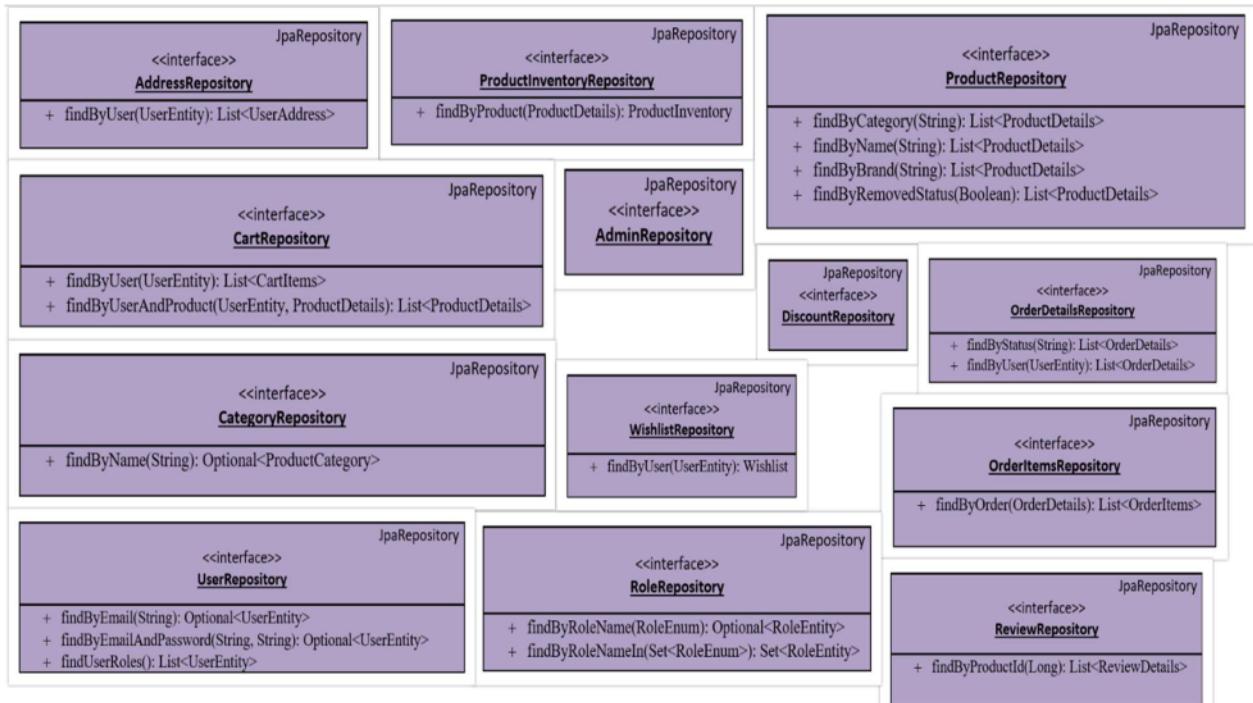


## Service

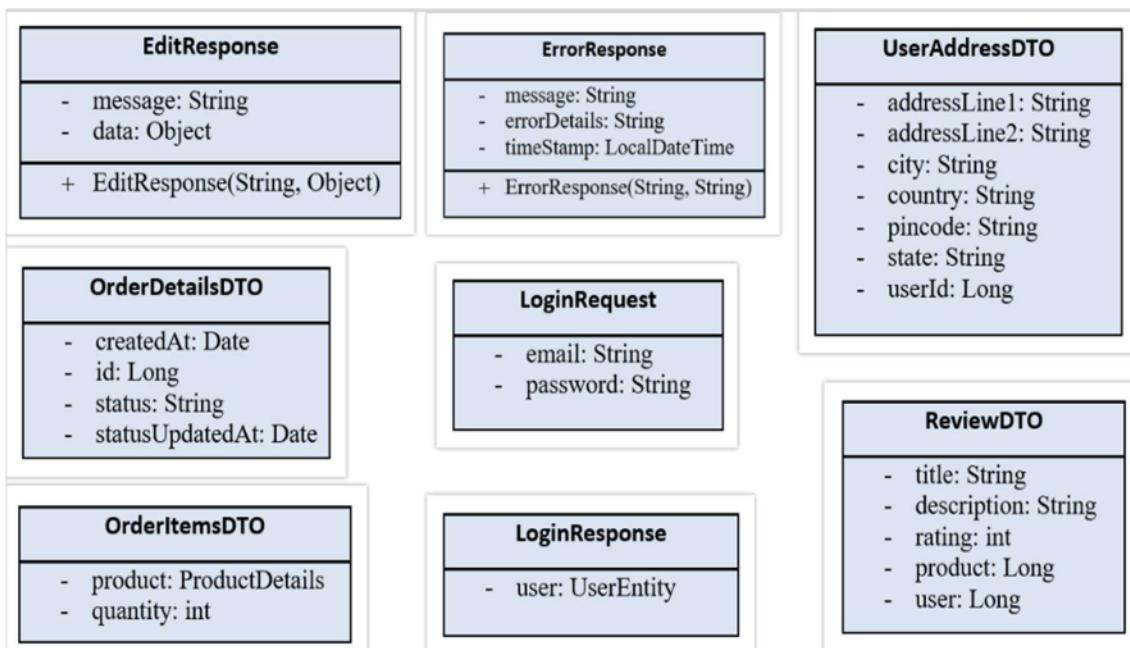
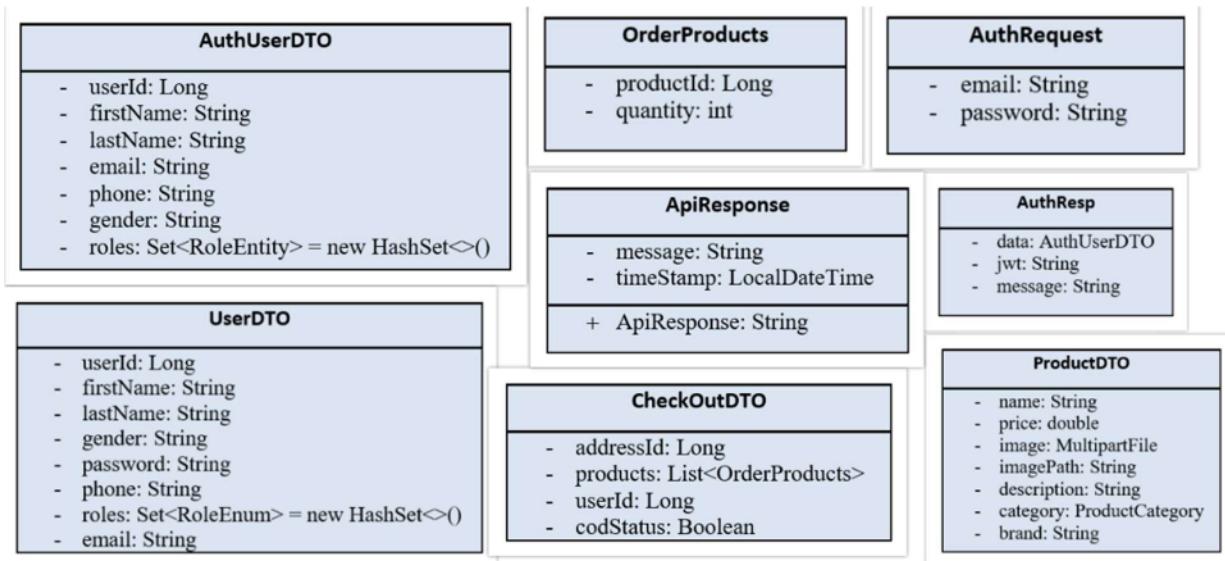




## Repository



## DTO



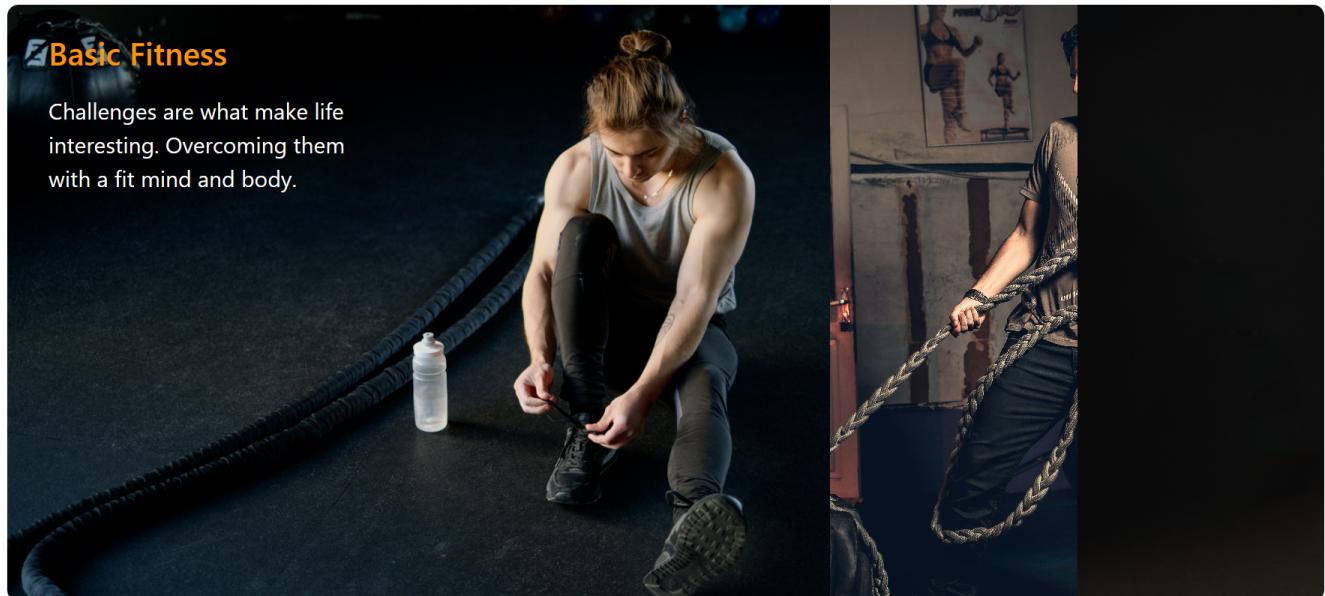
## Appendix B

### Home Page:



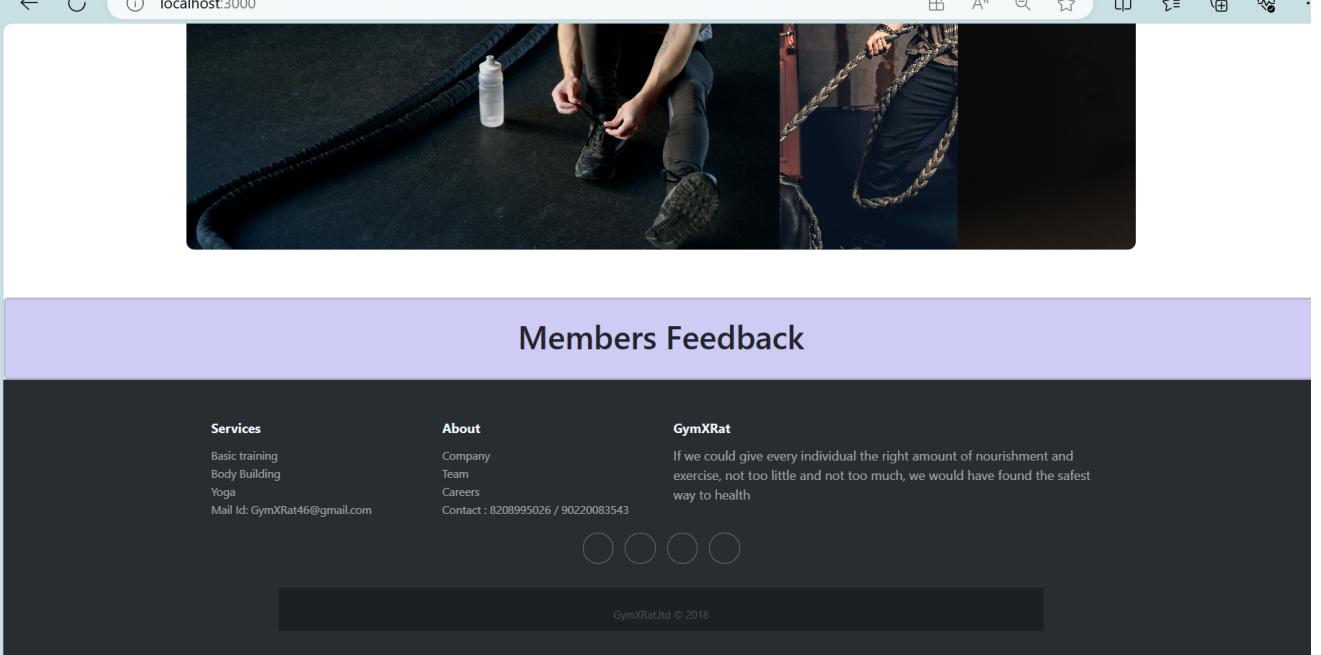
The screenshot shows the GymXapp home page. At the top, there is a navigation bar with a 'GymXapp' logo and a 'Welcome' message. To the right of the logo are links for 'Programs', 'About US', 'SignUp', and 'Login'. Below the navigation bar, there is a large green button with the text 'GET MEMBERSHIP'. To its right, there is a large image of a man performing pull-ups on a horizontal bar. On the left side of the main content area, there is a vertical stack of text: 'GET FIT', 'BUILD STRENGTH', and 'IN GymXapp'. Below this text, there is a paragraph describing the app's holistic offerings, mentioning fitness, yoga, healthy meals, mental wellbeing, and primary care, and how it allows users to stay healthy from their homes.

### Search By Category page:



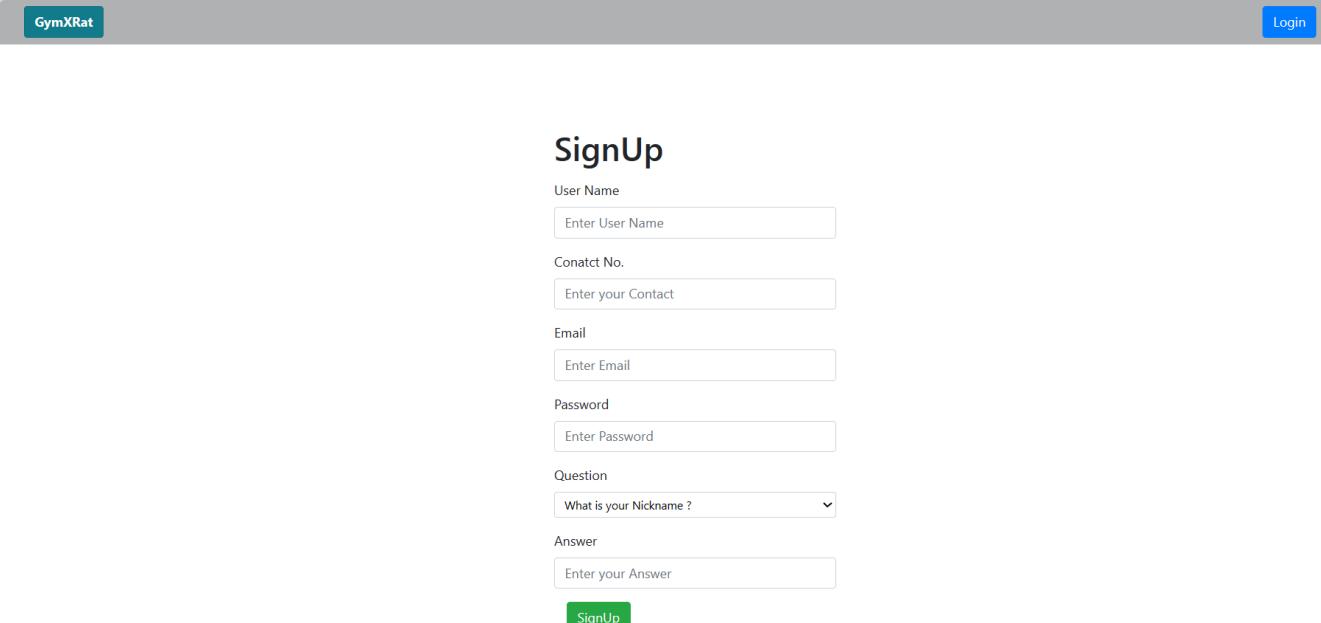
The screenshot shows a category page for 'Basic Fitness'. On the left, there is a sidebar with a 'Basic Fitness' icon and the text 'Basic Fitness'. Below this, there is a quote: 'Challenges are what make life interesting. Overcoming them with a fit mind and body.' On the right, there is a large image of a woman in a gym setting, sitting on the floor and tying her shoelaces. Another person is partially visible behind her, also working out. The background shows gym equipment and posters on the wall.

Home page (Footer and Contact Us) :



The screenshot shows a web browser window with the URL "localhost:3000". At the top, there's a collage of three images: a person tying their shoelaces, a water bottle on a mat, and a person holding a rope. Below this, a purple header bar contains the text "Members Feedback". The main content area has three columns: "Services" (listing Basic training, Body Building, Yoga, and Mail Id: GymXrat46@gmail.com), "About" (listing Company, Team, Careers, and Contact: 8208995026 / 90220083543), and "GymXrat" (a paragraph about providing the right amount of nourishment and exercise). At the bottom, there are four small circular icons and a copyright notice: "GymXrat.ltd © 2018".

Registration Page:



The screenshot shows a registration form titled "SignUp". It includes fields for User Name, Contact No., Email, Password, Question (a dropdown menu with "What is your Nickname?"), Answer (a text input field), and a green "SignUp" button. A navigation bar at the top left says "GymXrat" and a "Login" button is on the right.

Login Page :

GymXRat

[SignUp](#)

## Login

Email  
jiyasatvani26@gmail.com

Password  
\*\*\*\*\*

[Login](#) [Forgot Password?](#)

Gym Equipment Categories:

Welcome jiya satvani [Logout](#)

- Members
- Profile
- Trainer
- Plans
- Diet Plan
- Equipments
- Feedback

[Add Equipment](#)

Equipment Name	Units	Model	Price	Purchase Date
Treadmill	10	PowerMax	185000	2018-03-02
Dumbbells	30	Konark	78000	2020-03-05
Rowing Machine	5	Femiro Fitness	90000	2019-02-22
Squat leg press machine	5	REALSWISS	450000	2018-02-13
Foldable Bench	7	Duraft	38000	2019-02-24
Battle Ropes	3	ESSKAY Uttam	3000	2019-02-24
Battle Ropes	3	ESSKAY Uttam	9000	2019-02-24
Adjustable Barbell	5	Flexnest	65000	2019-02-24
Adjustable Kettlebell	5	Flexnest	35000	2019-02-24
Register band	5	Fashnex	3500	2018-02-26
Stationary Bicycle	4	beatXP Windclaw	36000	2018-02-05

## Admin Page:

The screenshot shows the 'Admin Page' of a Gym Management System. At the top, there is a header bar with the text 'GymXrat' and 'Welcome jiya satvani' on the left, and a 'Logout' button on the right. Below the header is a sidebar on the left side of the page. The sidebar contains the following items with icons: 'Members' (person icon), 'Profile' (gear icon), 'Trainer' (person icon), 'Plans' (document icon), 'Diet Plan' (circle icon), 'Equipments' (crossed-out gear icon), and 'Feedback' (comment icon). The main area of the page is currently empty.

## Admin Add User:

The screenshot shows the 'Admin Add User' page. At the top, there is a header bar with the text 'GymXrat' on the left and a 'Login' button on the right. Below the header is a form titled 'SignUp'. The form consists of several input fields: 'User Name' (placeholder: Enter User Name), 'Conatct No.' (placeholder: Enter your Contact), 'Email' (placeholder: Enter Email), 'Password' (placeholder: Enter Password), 'Question' (dropdown menu: What is your Nickname ?), 'Answer' (placeholder: Enter your Answer), and a 'SignUp' button at the bottom.

## Admin Page:

The screenshot shows the Admin Page interface. At the top, there's a header bar with the GymXRat logo and a welcome message "Welcome piyu raut". On the right side of the header is a "Logout" button. Below the header, the main content area has a title "Members Management" centered at the top. To the left of the main content is a sidebar with the following navigation options:

- Members
- Profile
- Trainer
- Plans
- Diet Plan
- Equipments
- Feedback

In the main content area, there's a green button labeled "Total Memberber : 0".

## User Page :

The screenshot shows the User Page interface. At the top, there's a header bar with the GymXRat logo and a welcome message "Welcome Alia Raut". On the right side of the header is a "Logout" button. Below the header, the main content area has a sidebar with the following navigation options:

- User Profile
- My Plans
- Browse Plans
- Diet Plans
- My Feedback

The main content area is divided into several sections:

- User Profile:** A placeholder for a user profile picture with a "Upload Image" button below it.
- Basic Info:** A table showing Name (Alia Raut), Email (Jayshriraut24@gmail.com), and Joinig Date (2023-09-01). Below the table is a note "Gym Memeber".
- Additional Info:** A table showing Address (0), Age (0), Height (0), Weight (0), and Gender (Male). Below the table is a "UpdateInfo" button.

**Manager Product Add, Update, Delete Page:**

The screenshot shows a web-based gym management system interface. On the left, there is a sidebar with the following navigation options: Members, Profile, Trainer, Plans, Diet Plan, Equipments, and Feedback. The main content area is titled "Subscription Plans". It features a table with columns: Plan Name, Duration, Start Hour, End Hour, Price, Trainer Name, Update, and Delete Plan. There are five rows of data in the table, each with a "Update" button and a "Delete" button.

Plan Name	Duration	Start Hour	End Hour	Price	Trainer Name	Update	Delete Plan
basic plan - body building and cardio	6	5:30 Am	8	1000	Pratik Gade	<button>Update</button>	<button>Delete</button>
Class plan - Yoga and Personal training,Cardio,Yoga	6	6 Am	8	2500	Nikhil Waghmare	<button>Update</button>	<button>Delete</button>
Pro plan - Diet plan ,Personal Training and Calisthenics	6	6 am	8	3500	Deepika Arora	<button>Update</button>	<button>Delete</button>
Elite Plan -Cross Fit,Yoga,Steam bath,swimming Pool,workout plan,cardio,diet plan	6	6 am	8	4500	Riya Sharma	<button>Update</button>	<button>Delete</button>
Home Plan -Online Workout Sessions,Personal Trainer Sessions and Online dietary plans	6	5:30 Am	7:30 am	600	Rishikesh paitwar	<button>Update</button>	<button>Delete</button>

**Forgot Password Page:****Forgot Password**

Email

Enter Email

Question

What is your Nickname ?

Answer

Enter your Ans

**Verify**



## Reset Password

New Password

Enter Password

Confirm Password

Enter Password

**Save**

### Server End Validation :

The screenshot shows a web application interface for a gym management system. At the top, there is a header bar with the text "GymXRat" on the left and "Login" on the right. Below the header, there is a "SignUp" form. The form fields include "User Name" (input: Jayshri raut), "Conatct No." (input: 7378724826), "Email" (input: JaushriRaut24@gmail.com), "Password" (input: masked), "Question" (dropdown: What is your Nickname ?), and "Answer" (input: Sweety). A green "SignUp" button is located at the bottom of the form. A modal dialog box is displayed in the center, showing the message "localhost:3000 says" and "email already taken". A blue "OK" button is at the bottom right of the modal.

**SignUp**

User Name

Contact No.

Email

Password

Question

Answer

**SignUp**

**localhost:3000 says**

SignUp Successfull

**OK**

*GYM MANAGEMENT SYSTEM*

**7. REFERENCES:**

<http://www.google.com>

<https://www.cultfit.com>

<https://www.goldsgym.in>

<http://www.w3.org>

<http://www.wikipedia.org>