

GYM MANAGEMENT SYSTEM

Group Members:

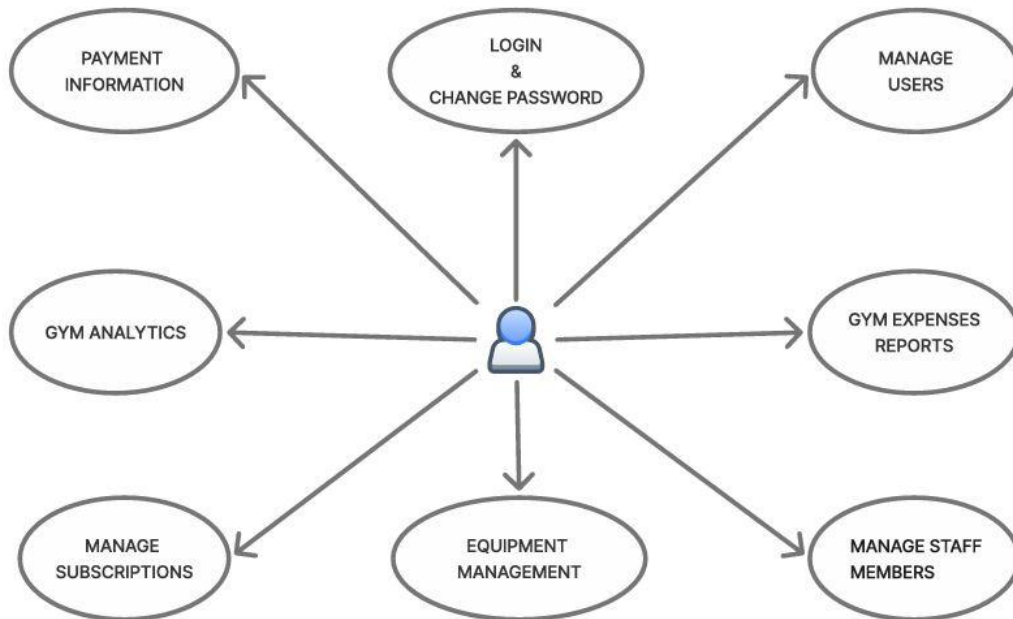
1. Anurag Kashyap
2. Nehal Malshikare
3. Pratik Pawar
4. Vaibhav Shinde

The Gym Management System is a web-based platform designed to streamline gym operations, manage memberships, handle payments, track equipment, and generate insightful reports. Our website is designed to showcase a gym's facilities, services, and community, while making it easy for potential and existing members to engage with the gym. This website typically provides essential information such as class schedules, membership options, trainer profiles, and details about equipment and amenities.

| Role | Features |
|--------------|---|
| Admin | Full access to manage all entities, generate reports, handle payments, manage equipments. |
| Receptionist | Manage users/trainers, handle registrations, view subscriptions, generate receipts. |
| Trainer | View assigned members, update workout plans. |
| User | Manage own profile, view/buy subscriptions, access workout videos. |

USE CASE DIAGRAMS:-

Administrator



ADMINISTRATOR

Authentication & Security

- Forgot Password
- Logout

Dashboard & Analytics

- **Dashboard Overview**
 - View Total Users
 - View Active Subscriptions
 - View Revenue Statistics
 - Equipment Maintenance Status

- Feedback Summaries

User & Staff Management

- **CRUD Operations**
 - Add/Update/Delete Receptionists
 - Add/Update/Delete Trainers
 - View/Edit/Delete Users
- **Trainer Registration**
 - Manually add trainers
 - Send "First-Time Login" password reset link

Equipment Management

- **Equipment Operations**
 - Add/Update/Delete Equipment
 - Track Equipment Maintenance
- **Reports**
 - Generate Maintenance Reports

Subscription & Packages

- **Dynamic Package Management**
 - Create/Edit/Delete Subscription Packages

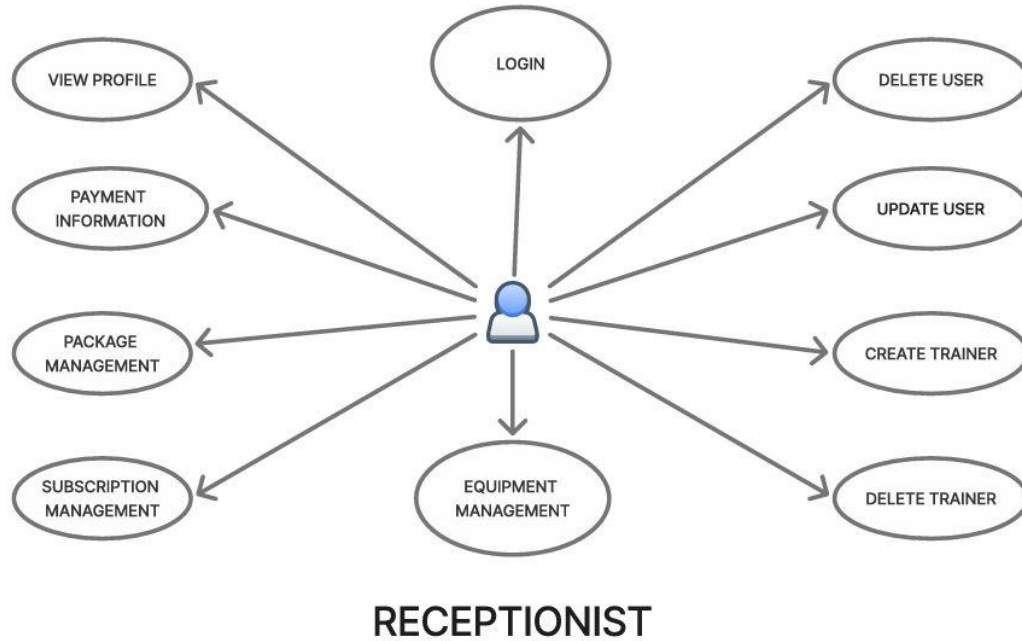
Payments & Invoicing

- **Payment Tracking**
 - Track Payments
 - View E-Receipts/GST Invoices
- **User Differentiation**
 - Identify Paid Clients vs. Viewers (registered users without active subscriptions)

Reports Generation

- **Financial Reports**
 - Sales Reports
 - Revenue and GST Reports
 - **User Insights**
 - User Activity Reports
-

Receptionist



Authentication & Security

- Forgot Password
- Logout

User & Trainer Management

- Register New Users
- Register New Trainers
- Add/Update Trainer Details

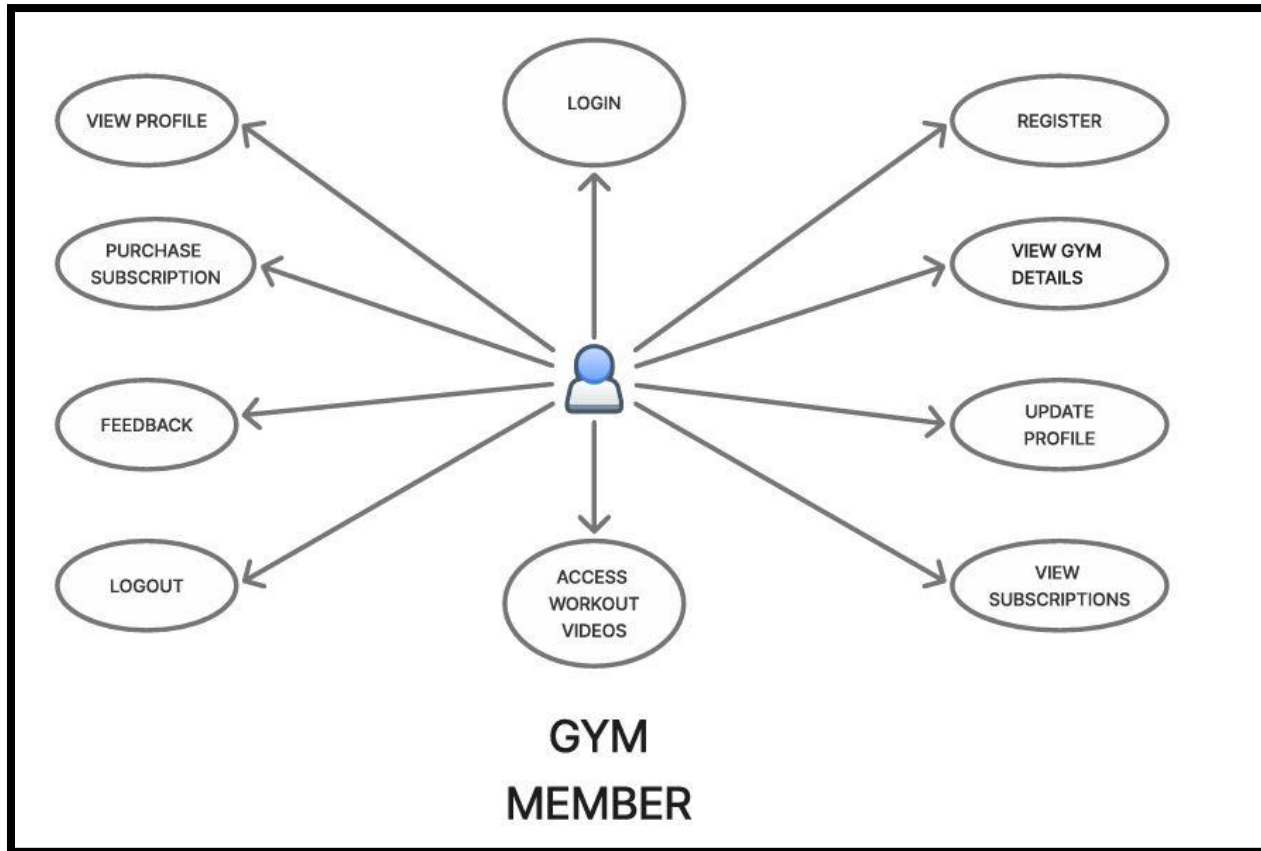
Subscription Management

- View/Edit User Subscriptions
- View Subscription History

User Interaction

- View User Details
- Generate E-Receipts

Gym - Member



Authentication & Security

- Login
- Registration
- Forgot Password
- Logout

Gym & Profile Management

- View Gym Details
- View Personal Profile
- Update Profile

Subscriptions & Payments

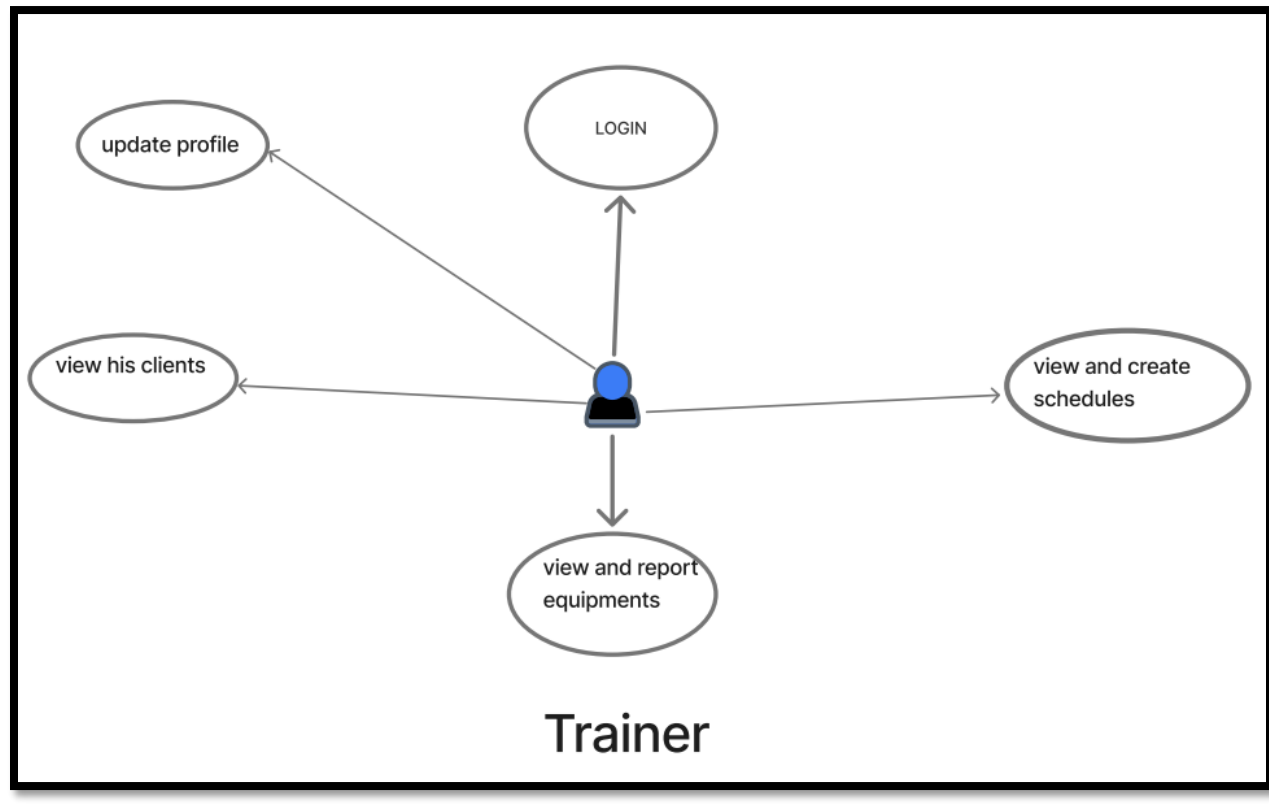
- View Available Subscriptions
- Buy Subscription (with Payment Integration)

- [View Purchased Subscriptions](#)
- [View E-Receipt & GST Invoice](#)

Content & Feedback

- [View Workout Videos](#)
 - [Submit Feedback \(for gym services, trainers, app, etc.\)](#)
-

Trainer-



Authentication & Security

- Login
- Forgot Password
- Logout

Client Access

- View his clients

Schedule

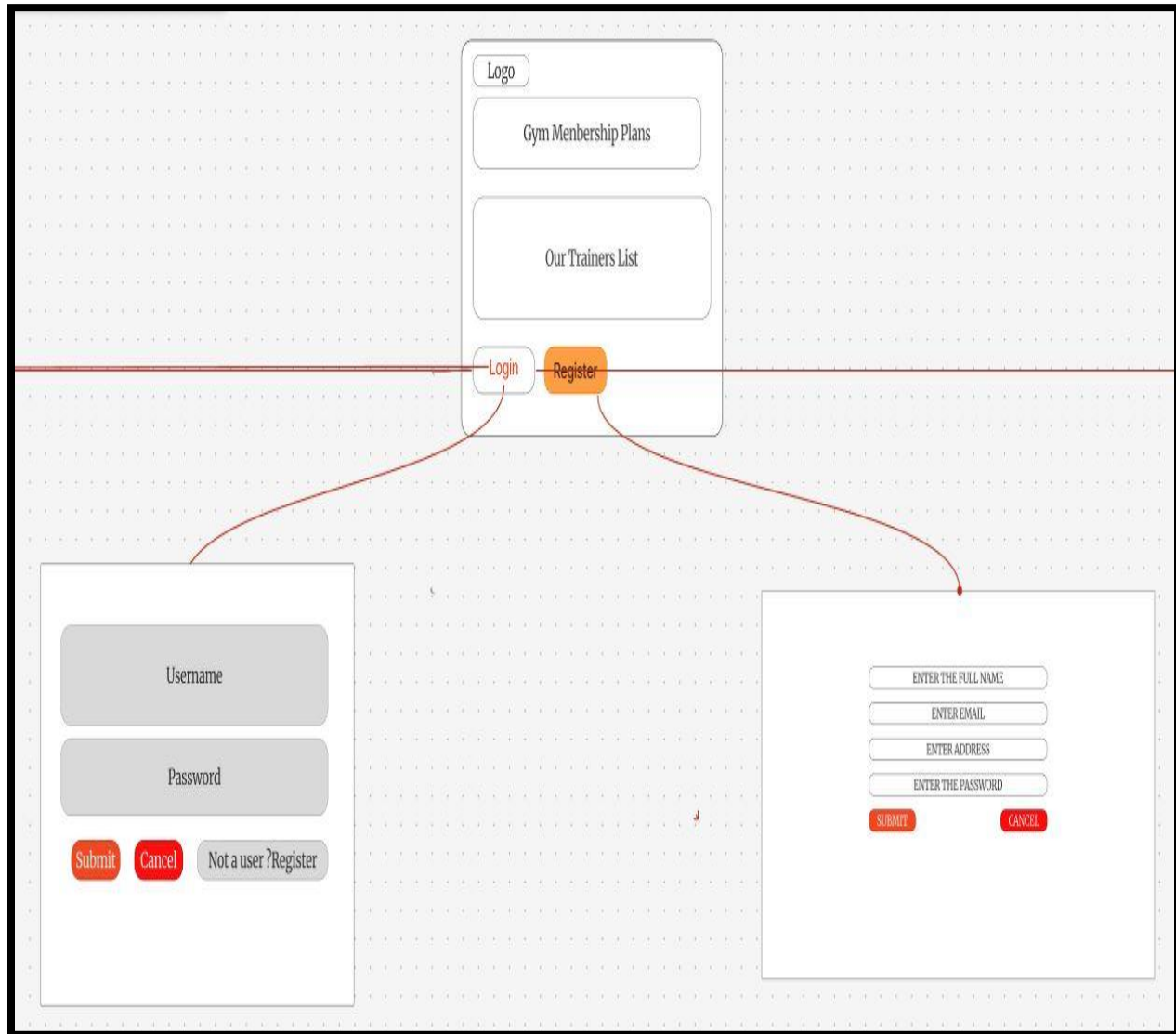
- Create schedule
- View Schedules

Gym equipment

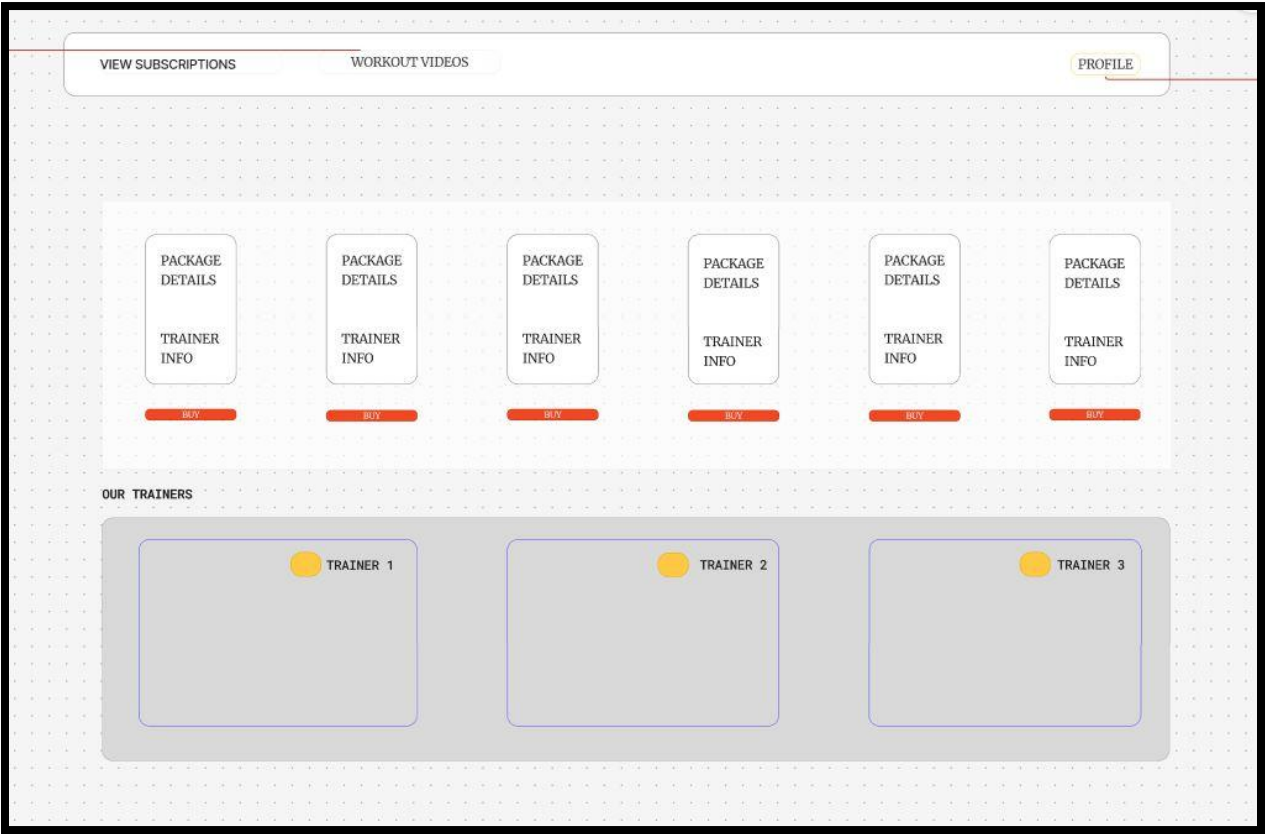
- [View Gym equipment.](#)
 - [Report gym equipment \(maintenance\).](#)
-

AUTHENTICATION UI

Login Page and Registration Page-



User



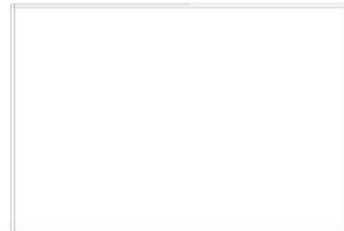
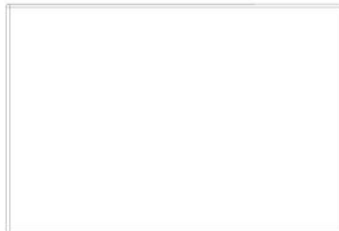
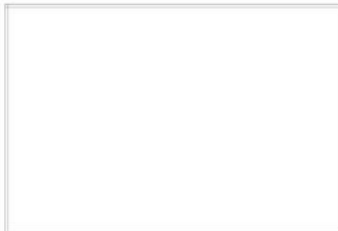
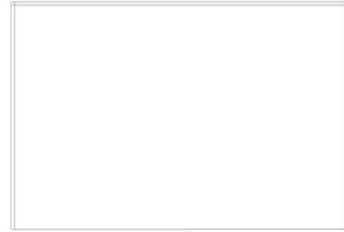
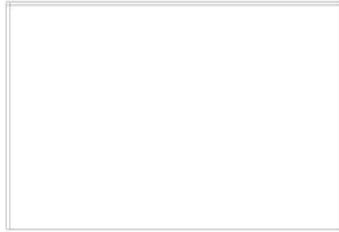
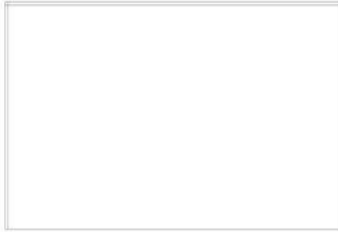
WORK OUT VIDEOS

UPPER BODY EXERCISES

LOWER BODY EXERCISES

CALISTHENICS

YOGA



Receptionist

USER MANAGEMENT

TRAINER MANAGEMENT

EQUIPMENT INFORMATION

SUBSCRIPTION USER INFO

PACKAGE MANAGEMENT

UPDATE PROFILE

PROFILE

PROFILE PHOTO

NAME

EMAIL

MOBILE NO

USER MANAGEMENT

CREATE USER

UPDATE USER

DELETE USER

TRAINER MANAGEMENT

CREATE TRAINER

UPDATE TRAINER

DELETE TRAINER

PACKAGE MANAGEMENT

CREATE CUSTOM PACKAGES

EDIT PACKAGES

EQUIPMENT MANAGEMENT

EQUIPMENT DETAILS

MAINTENANCE REPORTS

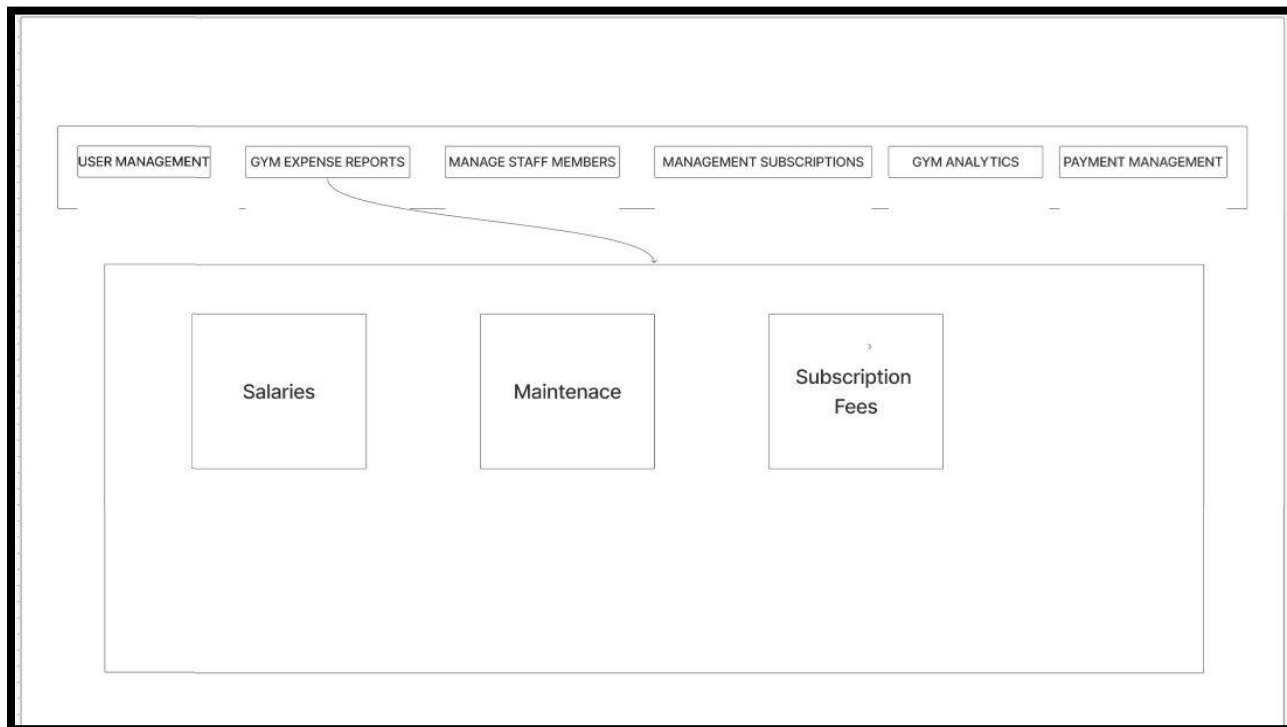
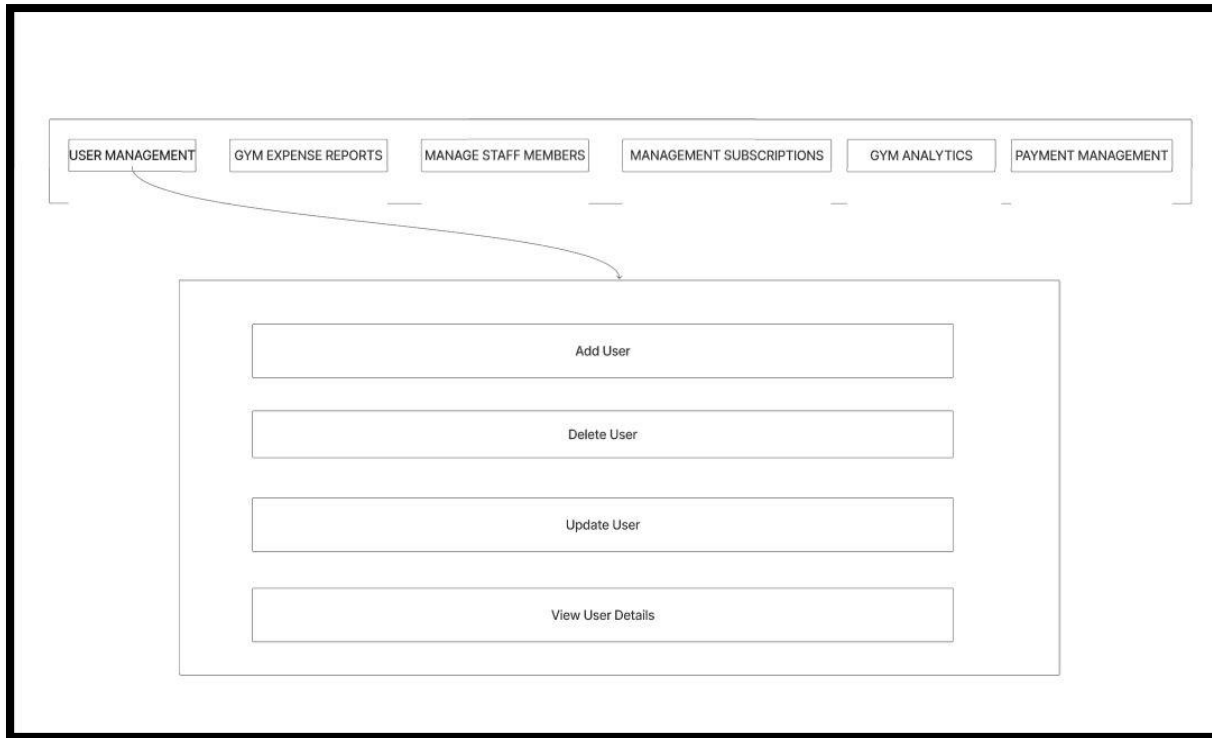
SUBSCRIPTION USER INFO

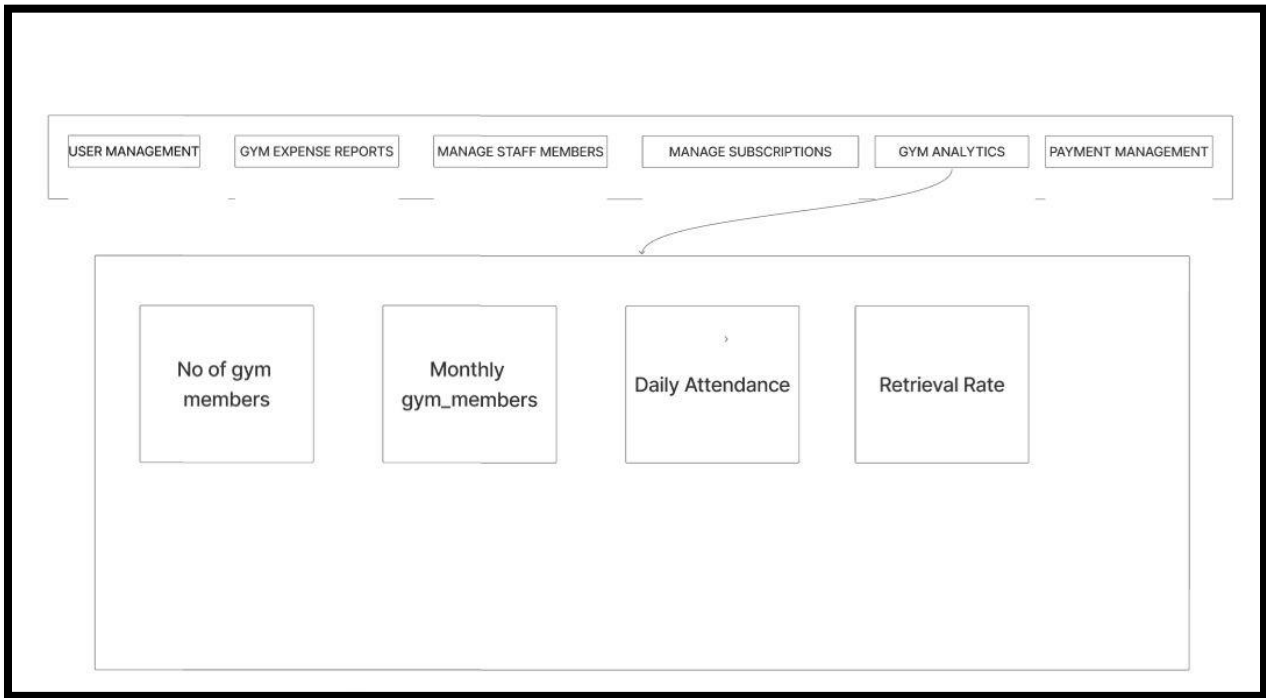
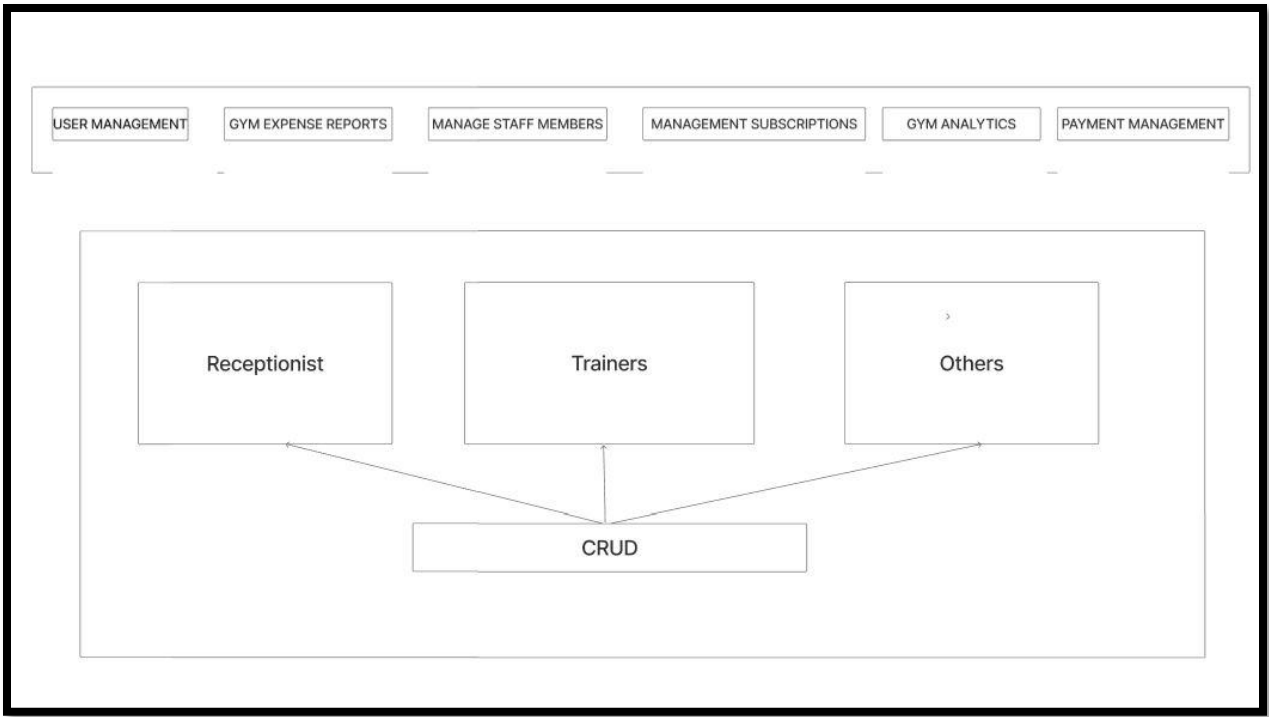
USER ENROLLED INFORMATION

USER ENROLLED INFORMATION

USER ENROLLED INFORMATION

Admin-





USER MANAGEMENT

GYM EXPENSE REPORTS

MANAGE STAFF MEMBERS

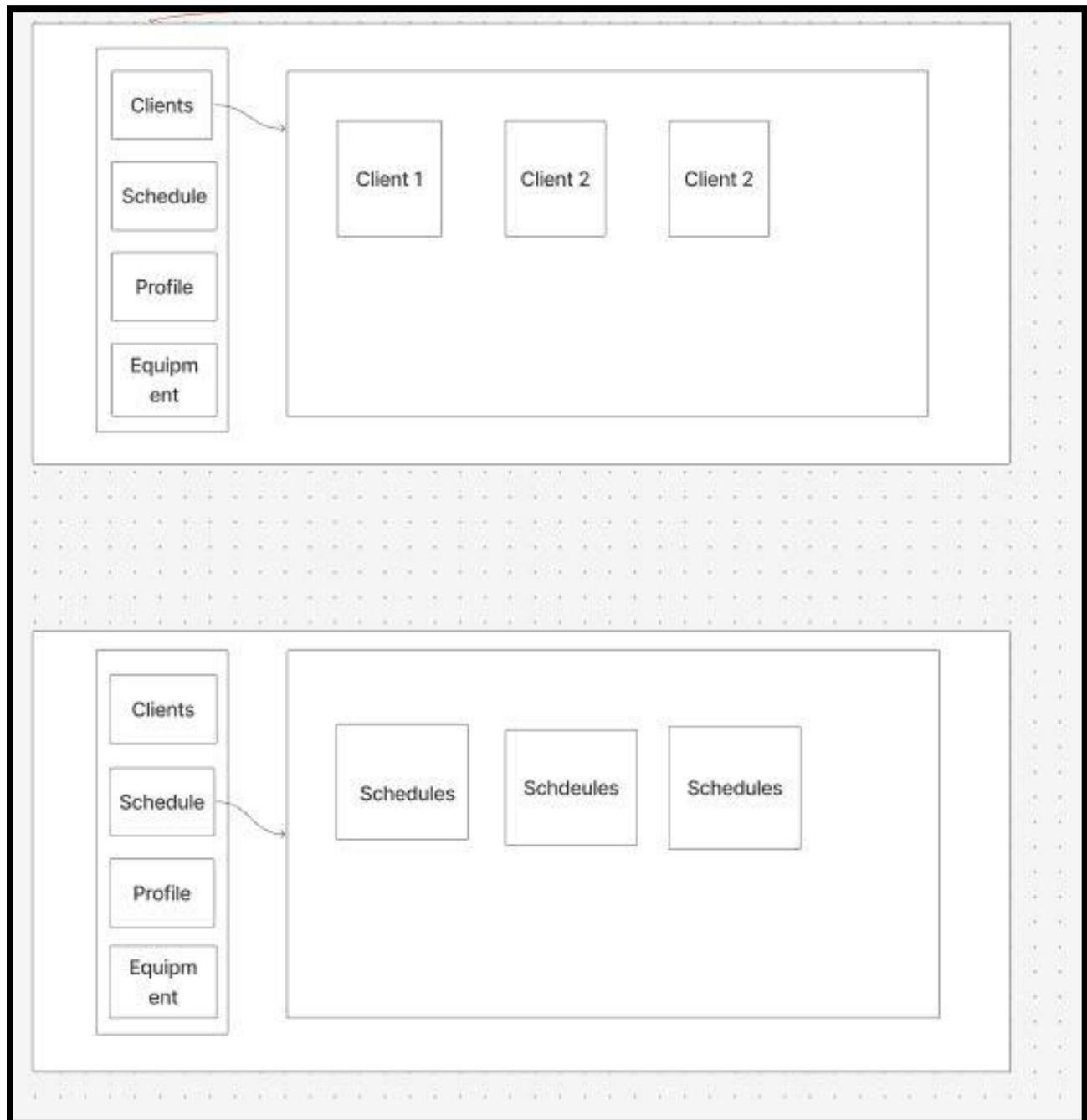
MANAGEMENT SUBSCRIPTIONS

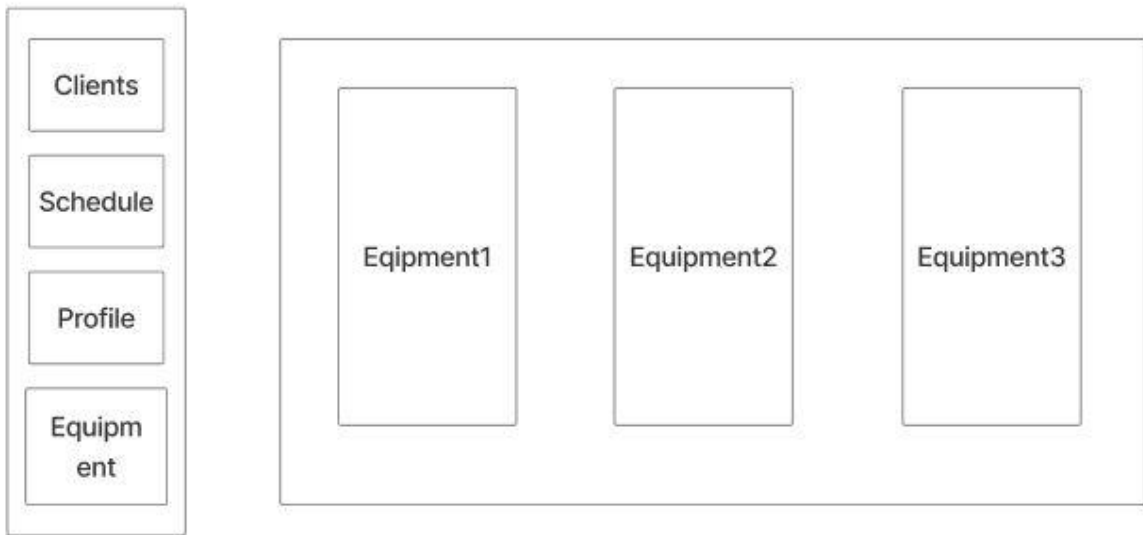
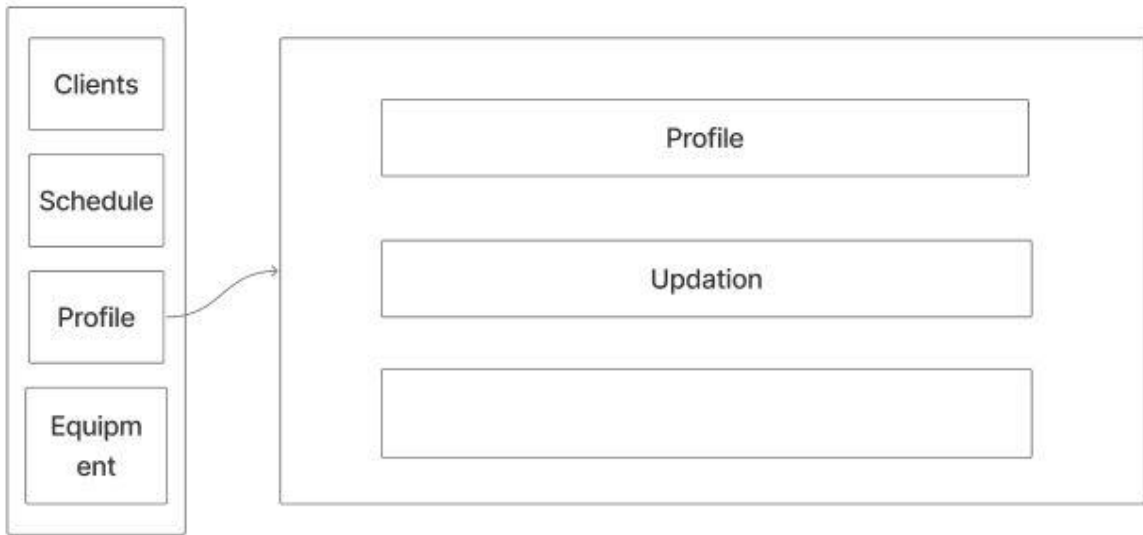
GYM ANALYTICS

PAYMENT MANAGEMENT

Payment Transactions
Success / Fail
Transaction logs

Trainer





ER DIAGRAM

