

Business Requirements

Problem Statement 1 – Overall Business Performance

We currently sum up data manually each time to see the following information:

1. Total number of clients we have.
 2. Total number of trainers we have.
 3. Total revenue generated.
 4. Total expenses incurred.
 5. Total profit earned.
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Problem Statement 2 – Monthly Performance Tracking

We manually check monthly data to track:

1. Monthly number of clients/members acquired.
 2. Monthly revenue generated.
 3. Monthly expenses incurred.
 4. Monthly profit earned.
 5. A side-by-side comparison of monthly expenses vs. revenue, along with corresponding profit figures.
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Problem Statement 3 – Membership Status Tracking

We need to track and monitor membership details, including:

1. An overview by membership tier/type (e.g., Platinum, Gold, Silver) showing how many memberships are **active** and **expired** for each tier.
2. Tracking memberships by user, showing:
 - Who's expiring soon
 - Who's already expired
 - Who has left/cancelledThis could be displayed as a progress bar, status tracker, or any visual indicator for quick insights.

Problem Statement 4 – Fitness & Health Calculations

We require a **calories calculator** where we can enter:

- Age
- Weight
- Height
- Gender
- Activity level of the member

Based on the inputs, the system should calculate and display:

- **BMI (Body Mass Index)**
 - **BMR (Basal Metabolic Rate)**
 - **TDEE (Total Daily Energy Expenditure)**
 - Any other relevant fitness metrics for quick health insights.
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Problem Statement 5 – Member/Client Detailed Profile

We need a **detailed profile page** for each member/client containing:

- Personal information (Name, Age, Gender, Contact, Address) Membership details (Tier, Start Date, Expiry Date, Status) and more.