

Body Zone GYM (Desktop Application)

Existing Systems:

Body Zone gym has no previous system, but available options in the market with their important features is below

- **Gym Management System by AarvSoftware**(<http://www.aaravsoftware.com/products/gym-management-system/>):
 - Time Table Issue to a batch
 - Easy Payment options
- **Gym Management System**(<https://www.lovelycoding.org/gym-management-system/>):
 - Employee Management
 - Attendance Management
 - Member Diet schedule
 - Expenses Management
 - Graphical Analysis
- **Gym Master**(<https://www.gymmaster.com/>):
 - Integrated billing
 - Point of sale
 - Member management
 - Online Booking
 - Accessible on Mobile
 - Automated online marketing tools
- **My PT Hub**(<https://www.mypthub.net/>):
 1. all-In-One Software For Coaches, Personal Trainers & Clubs
 2. online web and mobile app
 3. enabling personal trainers, coaches, and gym owners to manage their clients
 4. Create customizable training
 5. Create nutrition programs
 6. Tracking clients progress and achievements

List of Questions:

- Who is requesting the system?
- Who will use the system?
- Types of users for the system?
- What is the potential economic benefit of a successful solution?
- Is there any existing solution available for you? Manual(What about previous data)?
- What are your constraints?
 - Time
 - Budget

- Resources
- Expected milestones (deliverables and dates)?
- What problems is the system trying to address?
- Future evolution/Future plans?
- Are questions relative to your problem? Is this the correct level of detail?
- Please tell me the complete ideas, thoughts, details in your mind that this system is a must-have.
- Do you have a manual system of registrations?
- Do we have to just automate your manual system?
- Are your requirements fixed or it may change in the future.
- Do you have any questions?
- Must any data be retained for any period of time?
- Is there one location or several?
- How often will data be received or sent?
- What kind of training will be required for each type of user?
- How easy should it be for a user to understand and use the system?
- How difficult should it be for a user to misuse the system?
- Must access to the system or information be controlled?
- Will maintenance merely correct errors, or will it also include improving the system?
- When and in what ways might the system be changed in the future?

Interview Recording:

<https://drive.google.com/file/d/1BKNzp4w6l02XEydS8v240d5xXXDGpgcp/view?usp=sharing>

Audio 1: Interview Recording of our Client

(Note: For convenience, Please download the recording for listening)

Interview Findings:

Functional Requirements:

- The system can enroll gym freaks and will generate an id for them.
- The system can/shall delete gym freaks(on click as well as for system violation).
- The system shall enroll retired gym freaks again, and shall forget it after 30 days of the due date.
- The system shall have a search option. It includes search by Id/Mobile No. and shall include filters for late fees and expected fee persons.

Non Functional Requirements:

- **Milestone:** 25th December 2020. To be launched on 1st January 2020.
- **Future Evolution:** The client plans to upgrade the system in the future

- **Maintainability:** The system to be developed shall be maintenance-free
- **Reusability:** The system is clearly reusable as it is maintaining active data, only
- **System Crash:** Any type of system crashes is followed by zero loss, as data maintained isn't affected in the case.
- **Data Load:** System shall maintain only the active data.
- **Hardware:** The system is working offline, on the desktop. A minimum of 1GB storage and 4GB RAM can work for 150-300 members. In addition to that, the MBs of space for software installation is required