

Software Requirements Specification (SRS)

1. Introduction

1.1 Purpose

The purpose of this system is to provide an online registration form for gym users. This allows users to submit their basic information, fitness goals, and workout preferences. The system stores this data into a MySQL database.

1.2 Scope

This project is a simple web-based application that:

- Collects gym registration data via a form.
- Stores the submitted data in a MySQL database.
- Displays a success or error message.

1.3 Intended Users

- New gym members
- Gym administrators (for data access from the database)

2. Functional Requirements

- FR1: Input full name, email, phone number, and date of birth.
- FR2: Select a fitness goal from a dropdown.
- FR3: Choose a workout time using radio buttons.
- FR4: Accept terms and conditions before submitting.
- FR5: Data shall be validated and stored in the database.
- FR6: Confirmation message shall be shown.

Software Requirements Specification (SRS)

3. Non-Functional Requirements

- NFR1: Runs on XAMPP (Apache, PHP, MySQL).
- NFR2: Uses internal CSS.
- NFR3: UI should be responsive on small screens.
- NFR4: Handles DB connection errors.

4. System Design

4.1 Technologies Used

- Frontend: HTML5, CSS
- Backend: PHP
- Database: MySQL
- Server: XAMPP

4.2 Database Schema

Table: registration

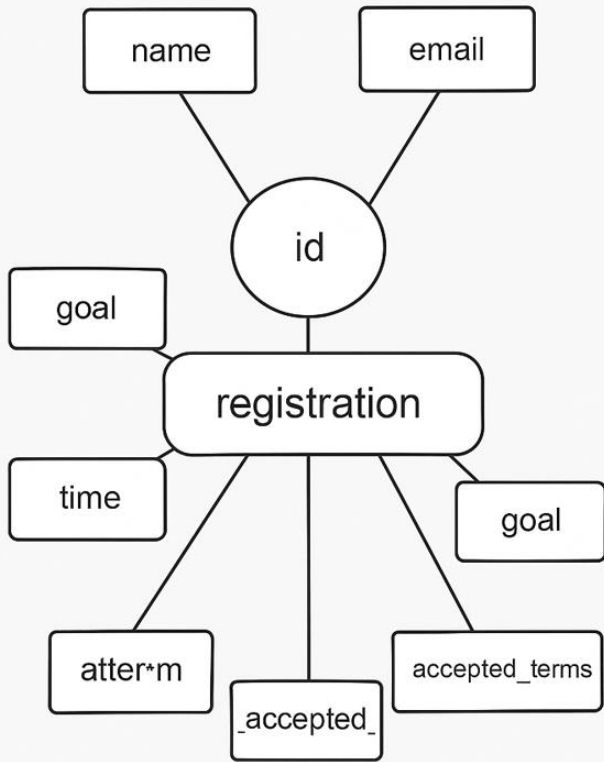
Columns: id (PK), name, email, phone, dob, goal, time, accepted_terms

5. Validation Rules

- All fields are required.
- Email must be valid.
- Phone must be numeric.
- Terms and conditions must be accepted.

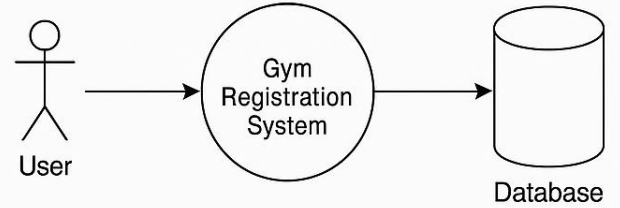
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ER Diagram



DFD Diagram

DFD Level 0



DFD Level 1

