

FitUp Project Documentation

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Date: 4/April/2025

Coding Academy by Orange

1. Introduction

FitUp is an innovative online platform designed to connect women looking for women-only gyms with nearby gyms and nurseries. The platform aims to solve the problem of finding a gym while ensuring safe and accessible childcare options. FitUp offers a categorized search system that allows users to filter gyms based on the availability of on-site or nearby nurseries. Additionally, users can view reviews, opinions, and available trainers at each gym to make informed decisions.

2. Problem Definition

Many women face difficulty finding a gym that meets their needs, especially those who need childcare while exercising. The lack of information about nearby nurseries further complicates the process. FitUp addresses this problem by providing a central platform that allows users to search for gyms that offer childcare options, compare reviews, and make reservations. The platform also benefits gym and nursery owners by providing them with clear visibility and a means to attract new clients.

3. Proposed Solution

The FitUp platform provides a seamless experience for women searching for gyms and daycare centers. The platform categorizes gyms into three options: **Gym Only**, **Gym with On-Site Daycare Center**, and **Gym with a Nearby Daycare Center**. Users can choose the most suitable option based on their location and requirements. Additionally, a built-in map powered by Google API allows users to visualize the locations of gyms and daycare centers, ensuring ease of use. FitUp also features a rating and review system, enabling users to choose high-quality services based on real reviews.

4. Main Objectives

- **Simplified Search:** Users can easily find gyms with or without daycare services.
- **Selection by Location:** Integration with Google Maps to display nearby gyms and daycare centers.
- **User Reviews and Ratings:** Help users choose the best gym based on their experiences.
- **Subscription Model:** Gym and daycare owners can subscribe to the platform to promote their services.

5. Technology Stack

User Interface

- React Vite for building a fast and dynamic UI.
- Tailwind CSS for design and responsiveness.

Backend

- Node.js with Express.js for handling server-side logic.
- MVC architecture for developing a structured backend.

Database

- PostgreSQL for managing data storage.
- Sequelize ORM for database operations.

Other Tools

- Leaflet Library for location services.
- Figma for UI/UX design.
- Trello for project management.
- Postman for testing.
- Canva for presentations and documents.

6. User Roles

Administrator

- Manage user accounts, gyms, and nurseries.
- Review and approve gym/nursery listings.
- View customer inquiries.
- Review comments and ratings.
- View users.
- Manage bookings.

User

- Search for gyms based on location and category.
- View ratings and reviews for each gym or nursery.
- Book a gym or nursery service.

Gym Owner

- Register and subscribe to the platform.
- Add details of gyms, trainers, and services.
- Manage and approve customer reservations.

Nursery Owner

- Register and subscribe to the platform.
- Add details of the nursery and its services.
- Manage and approve customer reservations.

7. Features and Functions

For Users

- Search for gyms by category and location.
- View gym and nursery reviews.
- Book a gym or nursery service.

For Gym/Nursery Owners

- Register and subscribe to the platform.
- View services and facilities.
- Manage user reservations.

For Administrators

- Supervise platform activity.
- Approve or reject membership applications.
- View customer inquiries.

8. Monetization Model

- **Subscription plans for gym/nursery owners:**
 - **3 months:** 90 JD
 - **6 months:** 130 JD
 - **12 months:** 280 JD

9. Future Improvements

- Mobile App Release.
- AI-powered recommendations for gyms.
- Community forum for fitness discussions.