Sprint 1 Backlog

Overview

Sprint 1 focuses on implementing the core user management and basic fitness tracking functionalities required for the FitLife application. The goal is to establish a foundation for user authentication, member registration, workout planning, and primary gym operations.

Tasks

1. **Register New Member**
   - Implement member registration page
   - Create personal details collection form
   - Build information validation system
   - Implement membership plan selection
   - Develop account creation and member ID generation
   - Create welcome email functionality

2. **User Login (Secure)**
   - Implement authentication system with password hashing
   - Enable session management
   - Create secure login interface
   - Build password reset functionality
   - Implement role-based access control

3. **Create Workout Plan**
   - Implement workout plan creation interface
   - Create member selection functionality
   - Build fitness profile display
   - Develop workout design tools
   - Implement plan submission and notification system

4. **Manage Gym Equipment**
   - Create equipment inventory management interface

- o Implement equipment addition, update, and removal functionality
- o Build information validation system
- o Develop inventory update mechanism
- o Create maintenance tracking

5. **Assign Locker**

- o Implement locker assignment interface
- o Create available locker display
- o Build locker selection functionality
- o Develop locker status updating
- o Implement member notification system

6. **Profile Management**

- o Create profile editing interface
- o Implement fitness metrics tracking
- o Build profile picture upload functionality
- o Develop trainer view for member profiles
- o Create fitness goal management

7. **Admin Verification**

- o Implement admin dashboard
- o Create trainer verification system
- o Build status field management
- o Develop notification system for verification status
- o Implement admin user management

8. **Basic User Interface**

- o Create responsive dashboard layout
- o Implement navigation system
- o Build user interface components
- o Develop mobile-friendly design
- o Create consistent styling across the application

9. **Service Selection**

   o Implement service category display

   o Create service details view

   o Build service selection functionality

   o Develop service scheduling options

   o Implement trainer specialization filtering

10. **Database Foundation**

    o Design and implement user data schema

    o Create equipment inventory database

    o Build workout plans storage

    o Develop locker management data structure

    o Implement secure data access patterns