🏋️‍♀️ **FitVerse – Gym Management Website Overview**

**FitVerse** is a comprehensive gym management platform designed to streamline operations, enhance user experience, and empower trainers and administrators. Built using Angular, the system integrates essential features that cater to every stakeholder in a fitness ecosystem — users, trainers, and admins.

🔧 **Core Functionalities:**

**User Authentication & Role-Based Access**

1. User Login & Registration: Allows gym members to create accounts, log in securely, and access personalized dashboards.
2. Trainer Login & Registration: Enables fitness professionals to register, showcase their expertise, and manage their profiles.
3. Admin Login: Grants administrative access to manage users, trainers, and store operations.

**🧑‍💼 Admin Panel**

The admin dashboard is divided into two key management areas:

1. Gym Management  
   Manage Users: View, update, or remove user accounts.  
   Manage Trainers: Approve, edit, or delete trainer profiles.
2. Store Management  
   Add Products: Upload new gym-related products like supplements, gear, and accessories.  
   Remove Products: Delete outdated or unavailable items.  
   View Orders: Monitor and manage customer orders efficiently.

**🛒 Gym Store**

A dedicated store section allows users to browse and purchase fitness products tailored to their goals:

* Supplements
* Workout gear
* Accessories

**💳 Membership Plans**

FitVerse offers three tiered membership plans to suit different fitness needs:

|  |  |  |
| --- | --- | --- |
| **Plan** | **Features** | **Price** |
| **Basic Fit Plan** | Gym access, locker room, 1 fitness assessment | ₹1179/month (incl. GST) |
| **Pro Fit Plan** | Includes Basic + 4 PT sessions, group classes, nutrition guidance | ₹2359/month (incl. GST) |
| **Premium Fit Plan** | Includes Pro + unlimited PT, custom plans, sauna access | ₹4129/month (incl. GST) |

**📊 BMI Calculator (Standalone Component)**

A responsive, standalone BMI calculator helps users understand their body metrics:

* Inputs: Age, Height, Weight
* Output: BMI value and health category
* Built using Angular standalone component architecture

**🧑‍💻 User Dashboard**

Once logged in, users access a personalized dashboard displaying:

* Welcome Message
* Health Metrics: Calories, Heart Rate, Running, Sleep
* Recommendations: Food suggestions and workout plans
* Trainer Highlights: Popular trainers with specialization
* Profile Info: Weight, Height, Age, and profile image
* Navigation: Home, Cart, Logout, Dashboard

**🧑‍🏫 Trainer Page**

Trainers have a dedicated section to:

* + - * Register or apply to join FitVerse
      * View featured trainers with:
* Specialization (e.g., weightGain, weightLoss)
* Experience
* Certifications

**🏠 Home Page Highlights**

The homepage serves as the central hub for all users:

* Welcome Banner: Motivational message
* Plan Selection: Choose membership plans
* BMI Calculator Access
* Store Promotion: Highlighted products and gear
* Trainer Recruitment: Invitation for trainers to join
* Quick Links: Register, Contact Info, Location

**📌 Conclusion**

FitVerse is a robust, feature-rich gym management system that covers every aspect of a modern fitness platform. From user engagement and trainer onboarding to admin control and e-commerce integration, the project reflects a complete solution tailored for gyms and fitness centers.

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