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# SPORTSHUB

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Online sports and fitness facilitator system

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# Sportshub

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Guide: Dr. Paulin Paul

## 1. Project overview:

Sportshub is an innovative fitness and sports booking platform designed to cater to sports enthusiasts and fitness-conscious individuals. The main objective of this web-based platform is to provide users with professional sports facilities, personalized training, and cutting-edge ai-integrated fitness monitoring. Sportshub aims to revolutionize the way people engage in sports activities and achieve their fitness goals. With its user-friendly interface and advanced features, the platform aspires to become a leading solution in the sports and fitness industry.

## 2. To what extent the system is proposed for?

Sportshub is proposed to be a comprehensive fitness and sports booking platform, serving both individual users and sports facilities providers. It will enable users to book sports facilities, register for personalized training with certified trainers, and benefit from ai-powered fitness monitoring. The platform aims to streamline the process of accessing sports facilities and achieving fitness goals, bringing convenience and efficiency to both users and sports providers.

## 3. Specify the viewers/public involved in the system:

The key stakeholders involved in Sportshub include:

**Sports Enthusiasts:** Individuals looking for personalized training sessions, virtual workouts, and access to professional sports facilities to pursue their fitness goals.

**Certified Trainers:** Registered trainers providing personalized training, virtual workout sessions, and monitoring users' activities through the AI-integrated fitness monitoring system.

**Sports Facilities Providers:** Organizations offering professional sports facilities such as football fields, basketball courts, cricket grounds, tennis courts, volleyball courts, etc., for users to book and enjoy.

4. List the modules included in your system:

- registration
- login
- user dashboard
- book sports facilities
- personalized training registration
- ai-integrated fitness monitoring
- trainer dashboard
- payment processing
- user reviews and feedback

5. Identify the users in your project:

Admin: Responsible for managing the overall platform, user accounts, and system settings.

Sports Enthusiasts/Fitness Conscious Individuals: Individual users seeking personalized training, virtual workout sessions, and access to professional sports facilities to pursue their fitness goals.

Certified Trainers: Registered trainers offering personalized training, conducting virtual workout sessions, and monitoring users' activities through the AI-integrated fitness monitoring system.

Sports Facilities Providers: Organizations offering professional sports facilities such as football fields, basketball courts, cricket grounds, tennis courts, volleyball courts, etc., for users to book and enjoy.

6. Who owns the system?

Sportshub is owned and operated by SPORTSHUB.

7. System is related to which firm/industry/organization?

Sportshub is related to the fitness and sports industry, catering to sports enthusiasts and fitness-conscious individuals seeking personalized training and virtual workout experiences.

8. Details of the person you have contacted for data collection:

Vignesh Jayan (Sportcenter,Kottayam)

Decathlon.com.

Playspots

9. Questionnaire to collect details about the project:

1. Do you have access to outdoor fields, courts, or tracks for practicing sports, or are they limited?  
Ans: Yes, good quality is also rare
2. How easy or difficult is it to book or reserve sports facilities for personal training or practice sessions?  
Ans: booking not hard, but others are difficult.
3. Are there any local clubs or teams you can join to participate in organized sports competitions or leagues?  
Ans: yes, but there also they can't afford to access professional facilities are rare.
4. Have you ever faced challenges in accessing sports or fitness facilities due to factors like distance, cost, or availability?  
Yes, mostly distance is prominent for good quality facility.
5. Are there any initiatives or programs in your community that promote sports and fitness for teenagers?  
None
6. How do you cope with the frustration of not having access to specific gym equipment during your workout sessions?  
Yes, overcrowding is there

7. Do you believe that the fitness center should take measures to address equipment shortages, and if so, what suggestions do you have for improvement?  
yes
8. Have you ever discussed the issue of equipment shortage with other fitness enthusiasts at the gym, and what are their thoughts on the matter?  
Proper management can overcome that problem.
9. If there were a system for reserving gym equipment during busy hours, would you find it helpful, or do you prefer a first-come, first-serve approach?  
Yes would be helpful.
10. Do you think the shortage of gym equipment affects the overall quality of your fitness center experience? How could this be improved?  
Yes it can be improved.