



“Project report on sports club”

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1.Introduction

● Introduction

Today we are living in a world of technology. We are using technology as our daily needs. Thus as a part of technology internet has become most important thing. Cause now each and every kind of devices are connected to cloud. Thus many of our daily tasks are become dependent on web based.

Today many companies or organization even little shops using web based technology for maintaining their business or organization. So we are trying to build something that is related to web technology and can make life easier to people.

Now there are many clubs that formed for different kind of activities. And there are also many variation of clubs that running across the world. As far I have talked about the management system, that is vastly used for managing their activities. But if we check there is no management system that is used by a club. So then we have taken the step to make a system for all type of clubs.

Sports club system is a software application designed to help sports clubs manage their customers, and coaches. It provides a centralized platform for clubs to store and access information about their customers, coaches , equipment , activity and owner. It also allows clubs to communicate with their customers ,manage their finances, and track their progress. With the help of this system, clubs can easily manage their coaches and customers in one place.

● Objectives

1. provide a platform for members to develop leadership skills.
2. provide a platform for members to give back to the community through volunteer activities.
3. provide a platform for members to engage in fundraising activities.
4. The sports club platform can help customers and coaches by providing a centralized platform for communication, scheduling, and payment.
5. Customers can easily find coaches and book sessions, while coaches can easily manage their availability and payment

6. The platform also provides tools for coaches to track their progress and performance, and for customers to track their progress and goals.
7. The platform can provide a forum for customers and coaches to share tips and advice, as well as a platform for customers to review coaches and provide feedback.
8. It should maintain a well-organized database for storing the resources that are provided by the technical support
9. Eliminates the entering of invalid data

● **scope**

This project aims to develop a sports club system that will enable users to manage their sports clubs more efficiently. The system will provide features such as club registration, membership management, event scheduling, team management, and financial management. It will also provide a platform for communication between members, coaches, and administrators. The system will be accessible via a web-based interface and will be designed to be user-friendly and intuitive. The system will be developed using the latest web technologies and will be optimized for mobile devices.

● **Problem statement**

- 1-Members can't communicate with each other or (team members)
- 2-It will be hard to payment without system
- 3-Customers have to go to the sports club to book sessions
- 4-It will be hard to coaches and staff to get paid
- 5-It will be hard to follow the customers and their progress to reach their goals It will be hard for customers to provide feedback to their coaches

2.System analysis

- **System study**

System analysis is concerned with becoming aware of the problem, identifying the relevant and most decisional variables, analyzing and synthesizing the various factors and determining an optional or at least a satisfactory solution. During this a problem is identified, alternate system solutions are studied and recommendations are made about committing the resources used to the system. System Analysis is the detailed study of the various operations performed by the system and their relationships within and outside the system. Analysis is the process of breaking something into its parts so that the whole may be understood.

- **Objectives**

- 1-Understand the existing system and problems
- 2-Analyze & develop the proposed system
- 3-Maintain proper databases and user friendly design

- **Existing system**

The existing system uses manual method for the whole process such as Customer participates in any activity , The owner can see how many days the coach has been absent and The number of hardware shortages. This requires a lot of hard work and time consumption to complete the task. This may include human errors. In the existing system, it is difficult to retrieve some particular information. In spite of all the efforts undertaken, the destruction of data may happen often. Hence, the computerization of the system in helps a lot.

• **Limitations of existing system**

1. Requires lots of Paper work
2. The system is not secured and authorized
3. It requires lots of human effort
4. Time consuming.

• **Proposed System**

Sports club system is a software application designed to help sports clubs manage their customers, and coaches. It provides a centralized platform for clubs to store and access information about their customers, coaches , equipment , activity and owner. It also allows clubs to communicate with their customers ,manage their finances, and track their progress. With the help of this system, clubs can easily manage their coaches and customers in one place.

• **Feasibility Study**

Feasibility Study Feasibility study is system proposal according to its workability, impact on the organization, and ability to meet user needs. The main aim of feasibility study is to evaluate alternative system and propose the most feasible and desirable system for development. It is the process of confirming that a strategy, plan or design is possible and makes sense. This can be used to validate assumptions, constraints, decisions, approaches and business cases. The following are common types of feasibility analysis.

1-Economic Feasibility Economic feasibility is the most frequently used method for evaluating the effectiveness of the proposed system.

2- Technical Feasibility Technical feasibility is performed to check whether the proposed system is technically feasible or not. It is an evaluation of the hardware and software and how it meets the need of proposed system.

3-Operational Feasibility Operational feasibility is referring to how well a planned system solves the problems of the project and how well it works at using the opportunities of the project. Operational feasibility is therefore one of the key elements of feasibility study.

• Structure

1. Sports club : Sports clubs are a great way to stay active, meet new people, and have fun. They can also provide a sense of community and help to build relationships. Sports clubs can also help to improve physical and mental health, as well as providing an opportunity to learn new skills and develop existing ones.
2. Owner : Owner has the complete access towards the system. Owner can record the details of room, its type etc. She/he can view bookings done by customers and also can view the registered users.
3. Coach : provide guidance and instruction to the players, helping them to develop their skills and reach their full potential. The coach is also responsible for creating and implementing strategies and tactics to help the team succeed. Additionally, the coach is responsible for motivating and inspiring the players, as well as providing feedback and support.
4. Customer : Customer has to register the system before accessing it. Once registered she/he can login the system and can view rooms of hotels, availability and can also book accordingly.
5. Activity : The role of activity in a sports club is to provide a fun and engaging environment for members to participate in physical activity. Activities can range from organized sports such as basketball, soccer, and volleyball to more informal activities such as hiking, biking, and swimming. Activities also provide an opportunity for members to socialize and build relationships with one another.
6. Equipment: The equipment used at a sports club can have a huge influence on the quality of the sports experience. High-quality equipment can help athletes to perform better, while poor-quality equipment can lead to injuries and decreased performance. Good equipment can also help to create a more enjoyable atmosphere at the club, as athletes will be more comfortable and confident in their abilities.

• Requirements

1-Functional requirements :

First of all the intranet is private for the club, therefore there must be a log in page where the users can access to the intranet using their credentials. Users will play different roles inside the intranet that are compatible among them. For every role, the user will have access granted to different functionalities.

2- Non-functional requirements :

1-Easy to install. It is wanted a solution that can be used by any club who wants without the need to make a specific customizing for every club. Once the package of files is upload to the server, it will be asked to set the required initial parameters in order to make it work.

2- Easy to extend. The design must allow to extend the version of the software released in this project by including new functionalities or improving the existent ones.

3- Intuitive. Any user must be able to navigate through the intranet and perform the different tasks without the requirement

Field Name	Datatype	Constraints
Sportsclub_id	Int	Primary key
Sportsclub_name	Varchar(50)	Not null
phone	Varchar(50)	Null
fax	Varchar(50)	Null
location	Varchar(50)	Not null
Owner_id	Int	Foreign key

Table Sportsclub:

Table Owner:

Field Name	Datatype	Constraints
Owner_id	Int	Primary key
First name	Varchar(50)	Not null
Last name	Varchar(50)	Not null
phone	Varchar(50)	Null
Email	Varchar(50)	Null
Age	Varchar(50)	Null
Address	Varchar(50)	Null

Table Customer:

Field Name	Datatype	Constraints
Customer_id	Int	Primary key
Firstname	Varchar(50)	Not null
Lastname	Varchar(50)	Not null
Age	Int	Not null
Phone	Varchar(50)	Null
Date of birth	Int	Not null
Email	Varchar(50)	Null
Gender	Varchar(50)	Not null
Address	Varchar(50)	Null
Length	Int	Not null
Weight	Int	Not null

Sportsclub_id	Int	Foreign key
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Table Coach:

Field Name	Datatype	Constraints
Coach_id	Int	Primary key
Firstname	Varchar(50)	Not null
Lastname	Varchar(50)	Not null
Age	Int	Not null
Gender	Varchar(50)	Not null
Address	Varchar(50)	
Date of birth	Varchar(50)	Not null
Email	Varchar(50)	
Phone	Varchar(50)	
Sport name	Varchar(50)	Null
Number of days	Int	Not null
Salary	Int	Not null
Sportsclub_id	Int	Foreign key
Activity_id	Int	Foreign key

Table Activity:

Field Name	Datatype	Constraints
Activity code	Int	Primary key
Name	Varchar(50)	Not null
Price	Int	Null
Sportsclub_id	Int	Foreign key

Table Equipment:

Field Name	Datatype	Constraints
Equipment_id	Int	Primary key
Name	Varchar(50)	
Model	Varchar(50)	
Price	Int	
Numbers	Int	
Function	Varchar(50)	
Default period	Int	

3.conclusion

Sports clubs are an important part of any community, providing a safe and fun environment for people of all ages to come together and enjoy physical activity. They offer a wide range of activities, from team sports to individual fitness, and provide a great way for people to stay active and socialize. Sports clubs also provide a great way for people to stay connected to their community and build relationships with others. Overall, sports clubs are a great way to stay active, have fun, and build relationships.