

# COACHMATE



# Contents

1. Introduction
2. Abstract
3. Purpose
4. Flowchart
5. ER diagram
6. DB schema
7. Technology used
8. UI design
9. Future implementation

# Introduction

Welcome to our presentation on the Coach Management System, a cutting-edge platform designed to transform the coaching landscape. In today's fast-paced and data-driven world of sports and athletics, the role of coaches has become increasingly crucial. Coaches not only shape the performance of athletes but also play a vital role in their personal and professional development.

As coaching responsibilities grow more complex, we recognized the need for a comprehensive solution that streamlines and elevates the coaching experience. This calls for management or monitoring tools that will help in closely tracking the implementation of the program to ensure successful outcomes envisioned are achieved. The proposed application/ portal should track the progress of programs across districts and should also help in tracking and recording the attendance of the coaches.



# Abstract

The Coach Management Portal is designed as a sophisticated abstraction layer, functioning as a comprehensive management and monitoring tool to meticulously oversee the implementation of coaching programs.

Its primary objective is to ensure that the envisioned outcomes of these programs are successfully achieved. The portal provides a centralized platform equipped with advanced tracking mechanisms, enabling close scrutiny of program progress on a district-wide scale.

Through this abstraction, program coordinators and administrators gain real-time insights into the effectiveness of coaching initiatives, allowing for prompt adjustments and improvements as needed.

Additionally, the portal's capabilities extend to the vital task of tracking and recording the attendance of coaches.

This feature not only ensures accountability but also contributes to the overall assessment of program implementation. By abstracting the complexities of program management, the Coach Management Portal emerges as a pivotal tool in fostering successful coaching outcomes and facilitating efficient administration across diverse districts.

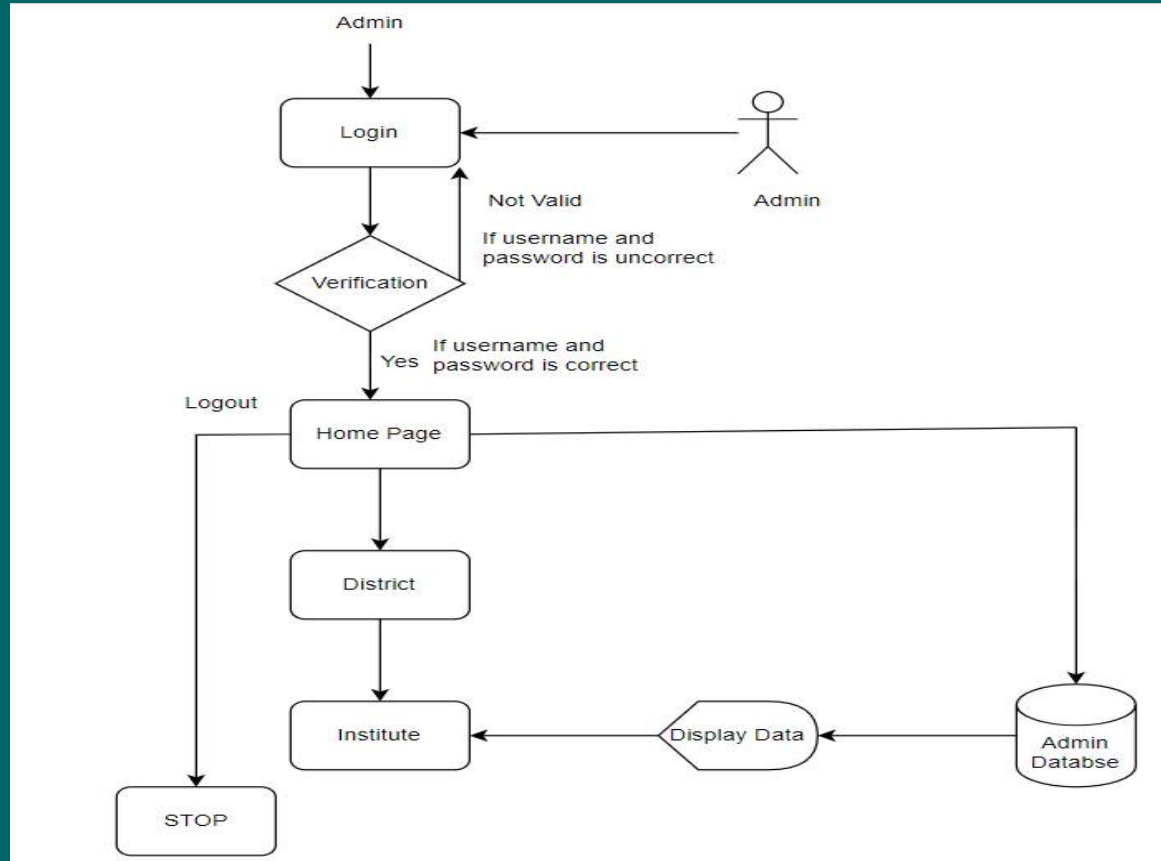
# Purpose

The purpose of the Coach Management System is to facilitate the efficient management and monitoring of sports development programs in schools and colleges in Gujarat.

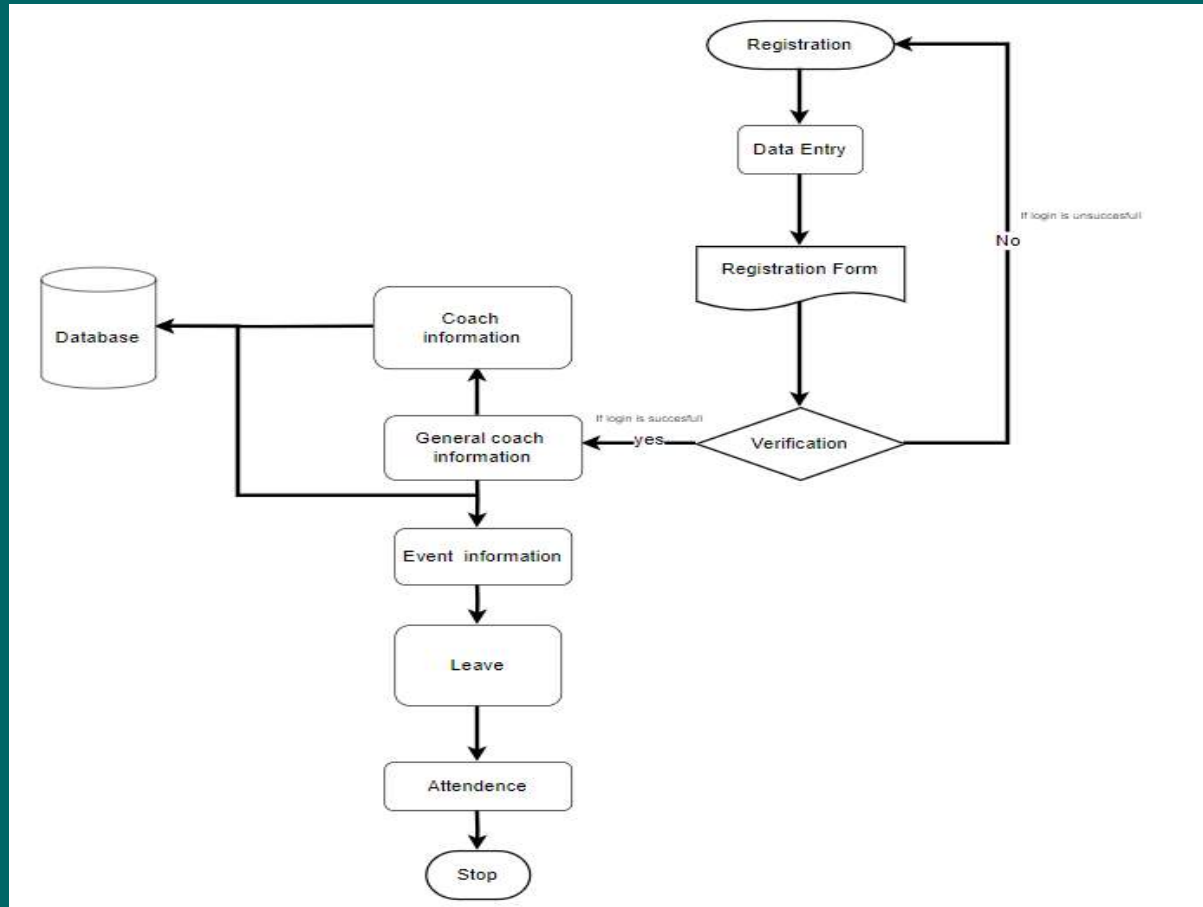
This system aims to ensure that these programs are implemented effectively, track the progress of various sports initiatives, and maintain accurate records of coach attendance.

It serves as a tool to improve grassroots sports development and increase student-athlete participation.

# Flowchart of Admin




# Flowchart of Coach





# DB schema

**Coach Table :**

#	Name	Data type	<u>description</u>
1	Coach_id	Int (primary Key)	Coach unique id
2	Coach_username	string	Coach's username,unique
3	Coach_password	string	Coach Password
4	Coach_name	string	Coach full name
5	Coach_dob	date	Coach birth date
6	Coach_address	string	Address of coach
7	Coach_city	string	City of coach
8	Coach_pincode	int	Pincode of city
9	Coach_mobile_no	int	Mobile no.of coach
10	Coach_email_id	string	Mail id of coach
11	Sport	Array	Sport
12	Program_id	Array (Foreign key)	Completed program
13	Availability 	Boolean	<u>Availability ?</u>
14	FeedBack_id	Int (Foreign key)	Feedback of coach given by <u>stydent</u> or institute
15	Coach_gender	string	Gender of coach

**Admin Table :**

#	Name	Data type	description
1	Admin _id	Int (primary Key)	Admin unique id
2	Admin _username	string	Admin username,unique
3	Admin _password	string	Admin Password
4	Admin _name	string	Admin full name
5	Admin _dob	date	Admin birth date
6	Admin _email_id	string	Mail id of Admin
7	Senior_Admin_id	Int	Reference id of admin

**Program ID :**

#	Name	Data type	<u>description</u>
1	Program _id	Int (primary Key)	Program unique id
2	Program _name	string	Program full name
3	Program _desc	string	Detail desc about program
4	Institute _name	string (Foreign key)	Institute unique name
5	Coach_id	Int (Foreign key)	Coach unique id
6	Start_date	date	Starting date of program
7	End_date	date	Ending date of program

### Attendance Table

#	Name	Data type	description
1	Attendance _id	Int (primary Key)	Attendance unique id
2	Program _id	Int (Foreign key)	Program unique id
3	Attendance _date	date	Attendance date
4	Coach_id	Int (Foreign key)	Coach unique id
5	P_A	boolean	Present or absent ?

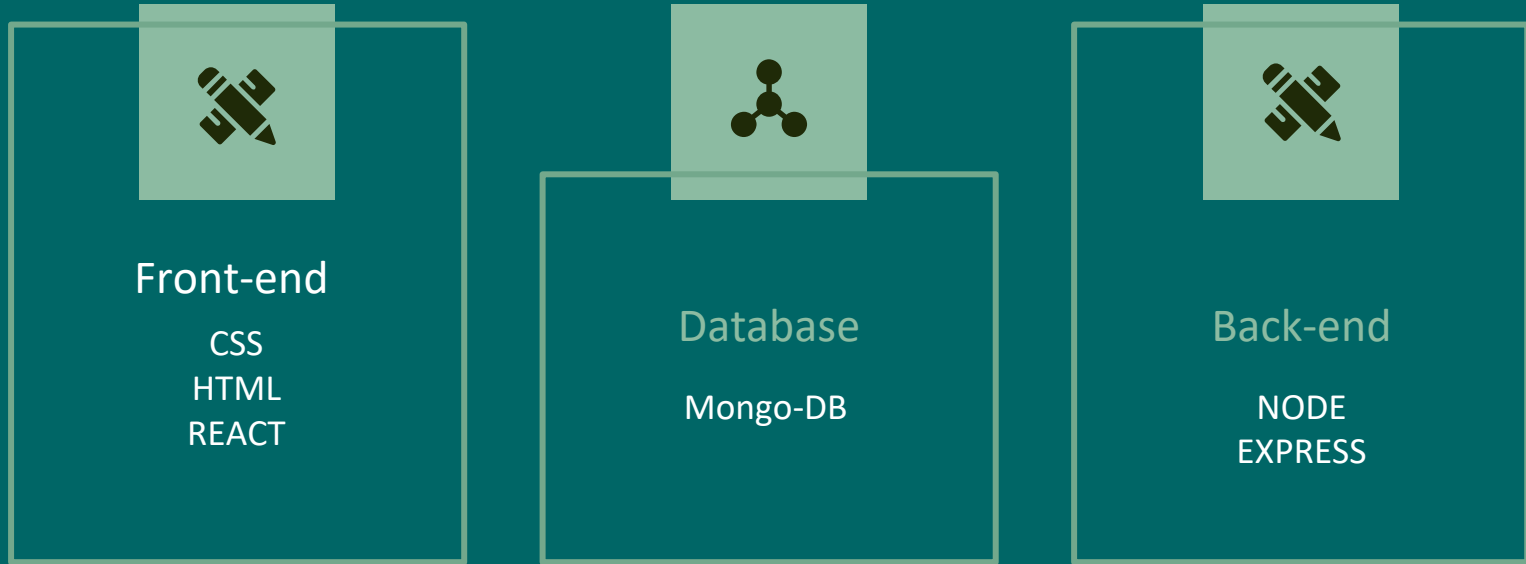
### Leave Table

#	Name	Data type	description
1	Leave _id	Int (primary Key)	Leave unique id
2	Leave date	date	Leave date
3	Coach_id	Int (Foreign key)	Coach unique id
4	Program _id	Int (Foreign key)	Program unique id
5	Leave_reason	string	Reason of leave
6	status	boolean	Approve or not ?

## FeedBack Table

#	Name	Data type	description
1	FeedBack _id	Int (primary Key)	FeedBack unique id
2	Coach_id	Int (Foreign key)	Coach unique id
3	Program _id	Int (Foreign key)	Program unique id
4	Athlete_id	Array (Foreign key)	Athlete unique id
5	Institute _name	string (Foreign key)	Institute unique name

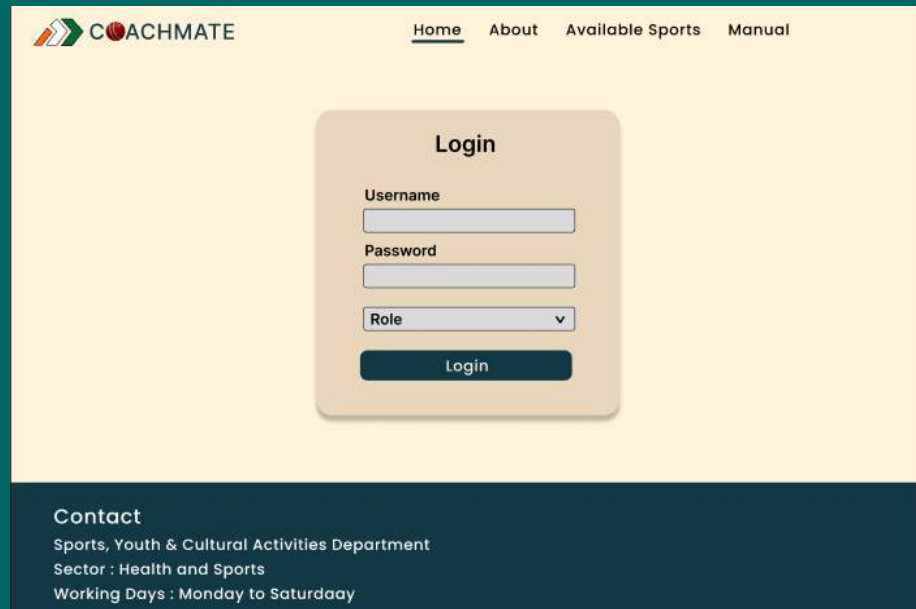
# Technology Used



# Opportunity

- The centralized data repository opens avenues for academic research and data-driven studies, contributing to advancements in education-related research. Institutions with an advanced Student Academic Portal gain a competitive advantage, attracting students seeking technologically progressive educational environments.
- The project could create opportunities for public-private partnerships, encouraging collaboration between the government and technology providers.
- Graduates with easily verifiable academic records from the portal may find enhanced employability and industry relevance. Overall, the Student Academic Portal project holds the potential to revolutionize education, ushering in a more efficient, data-driven, and technologically advanced educational ecosystem that benefits students, educators, educational institutions, and society at large.

# UI Design





## Coach Registration



+ upload image

First Name

Middle Name

Last Name

Gender

Date of birth

## Address

House Number

Landmark

Locality

Pincode

City

## Mobile No &amp; Email ID

Mobile Number

Email ID

## Sports

Select a sport

Institute

District

## Authentication

Username

Enter a password

confirm password

## Contact

Sports, Youth &amp; Cultural Activities Department

Sector : Health and Sports

Working Days : Monday to Saturday



## Admin Registration



+ upload image

First Name

Middle Name

Last Name

Gender

Date of birth

## Address

House Number

Landmark

Locality

Pincode

City

District

## Mobile No &amp; Email ID

Mobile Number

Email ID

## Senior Admin ID

## Authentication

Username

Enter a password

confirm password

## Contact

Sports, Youth &amp; Cultural Activities Department

Sector : Health and Sports

Working Days : Monday to Saturday



# Future implementation

1. Data Analytics
2. Mobile App Integration
3. Feedback System
4. Integration with Education
5. Community Engagement



# Thanks!

Do you have any  
questions?