THE INSTITUTE OF FINANCE MANAGEMENT.



FACULTY: INFORMATION COMPUTING AND MATHEMATICS.

PROGRAMME: BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY.

ITU08207: WEB DATABASE MANAGEMENT

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GROUP ASSIGNMENT

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## **1. Introduction**

The **Football Club Management System** is a comprehensive platform designed to streamline the management of football club operations. It facilitates efficient handling of player and staff information, training schedules, match fixtures, and performance reports. The system incorporates **role-based access control (RBAC)** to ensure that only authorized users can perform specific actions, enhancing security and operational efficiency.

This system is ideal for football clubs of all sizes, providing a centralized solution for managing day-to-day activities and ensuring smooth coordination among directors, managers, coaches, players, and staff.

## **2. Features**

The Football Club Management System offers the following key features:

* **User Authentication and Role-Based Access Control**: Secure login system with role-specific permissions.
* **Player and Staff Management**: Add, edit, and manage player and staff details.
* **Training Session Scheduling**: Plan and organize training sessions efficiently.
* **Match Fixture Management**: Add, update, and view match fixtures.
* **Secure Database Management**: Ensures data integrity and security through a robust MySQL database.

## **3. User Roles and Permissions**

The system supports multiple user roles, each with specific permissions:

### ****Director****

* Add, edit, and delete players and staff members.
* Manage upcoming fixtures (add, update, and remove).
* View all training timetables.
* Access full team reports and player data.

### ****Manager****

* Add and manage training timetables.
* View player and staff details.
* View upcoming fixtures (cannot edit or delete).
* Oversee team performance reports.

### ****Coach****

* View training timetables and assign training activities.
* View player and staff details.
* View upcoming fixtures (cannot modify).

### ****Player****

* View assigned training schedules.
* View personal performance reports.
* View upcoming fixtures.

### ****Staff****

* View team-related schedules and player details.
* View upcoming fixtures.
* No modification permissions.

## **4. Database Structure**

The system is built using **POSTGRESQL** and includes the following tables:

* **users**: Stores user login information and roles.
* **teams**: Stores team names and related details.
* **players**: Stores player information (e.g., name, position, contact details).
* **staff**: Stores staff details (e.g., role, contact information-- Create database
* **fixtures**: Stores match schedules (e.g., date, time, opponent).
* **training\_sessions**: Stores training session details (e.g., date, time, location).

## **5. Installation Guide**

Follow these steps to install and run the Football Club Management System:

1. **Install XAMPP** (or any web server with PHP and MySQL support).
2. **Clone or Download** the project files from the repository.
3. **Import the Database**:
   * Open phpMyAdmin or any MySQL management tool.
   * Import the provided SQL script to create the database and tables.

**The database system management used for this project is postgrsql not mysql**

1. **Configure the Database Connection**:
   * Open the config.php file.
   * Update the database credentials (e.g., hostname, username, password, database name).
2. **Run the Application**:
   * Start the Apache and MySQL services in XAMPP.
   * Open a browser and navigate to the project directory (e.g., http://localhost/football-club-management-system).

## **6. Usage Instructions**

1. **Log In**:
   * Access the login page and enter your assigned credentials.

Use **username:txiki password: guardiola** to login as director

use **username: pep password: ilovemikel** to login as coach

1. **Navigate the System**:
   * Use the role-based navigation bar to access features based on your permissions.
2. **Directors**:
   * Manage fixtures, teams, and player/staff details.
3. **Managers**:
   * Schedule and manage training sessions.
   * View team performance reports.
4. **Coaches**:
   * View training timetables and assign activities.
5. **Players and Staff**:
   * View personal schedules, performance reports, and upcoming fixtures.