**Features of the App**

1. **Player Profile & Performance Data Entry:**

Fields for player personal info (name, jersey, position, DOB, preferred foot, height, weight).

Fields for performance data (strengths, weaknesses, recent performance notes, coach's comments).

*Enhanced:* Add fields for specific technical skills (e.g., passing accuracy, shooting power, tackling success), tactical understanding, mental attributes (e.g., leadership, composure).

1. **Dynamic PDF Report Generation:**

Generate a professional-looking PDF report based on entered data.

Club Logo Integration (Already discussed/partially implemented): Allow clubs to upload and embed their logo into the PDF for branding.

Customizable Report Sections: Ability to include/exclude certain sections in the report.

Multiple Report Templates: Offer a few different pre-designed layouts (e.g., a brief summary report, a detailed development report).

1. **Report Storage & Retrieval:**

Database Integration: Store all player data persistently in a database (e.g., SQLite for simplicity, or PostgreSQL/MySQL for scalability).

PDF Archiving: Save generated PDF reports on the server, linked to player records in the database.

Report List/Dashboard: A dedicated page to view all saved player reports.

Report Download: Ability to download any stored PDF report on demand.

1. **Player Data Management (CRUD - Create, Read, Update, Delete):**

Create New Player: Form to add new player profiles.

View Player Details: Dedicated page for each player's full profile.

Edit Player Profile: Ability to modify existing player data and regenerate reports.

Delete Player: Remove a player and their associated reports from the system.

1. **User Authentication & Authorization:**

User Accounts: Allow coaches/staff within a club to create accounts.

Login/Logout: Secure access to the application.

1. **Multi-Club Support:**

Club Registration: Allow different football clubs to sign up.

Club-Specific Data Segregation: Ensure data (players, reports, logos) is kept separate and private for each club.

1. **Club Profile/Settings:**

Manage club-specific branding (e.g., default logo, colors for reports).

Manage club details (e.g., club name, address).

1. **Data Export:**

Export player data to CSV/Excel format for further analysis outside the app.

1. **intuitive User Interface:** (Already somewhat in place with Flask forms)

Clear navigation.

User-friendly forms.

1. **Form Validation:** Client-side (JavaScript) and server-side validation to ensure data quality.

**Core Philosophy: Ultimate Customization Engine**

Before detailing the report structures, the most important feature is the template engine that governs all reports. Your app will provide "Default Templates," but users will have complete control to tailor them.

**This is achieved through a "Template Edit Mode":**

1. **Starting Point:** The user selects a default report (e.g., "Match Report" or "Player Performance Report").
2. **Full Customization:** They can then modify this default template in two ways:
   * **Add New Fields:** Using the **[+ Add Custom Field]** button to add their unique metrics with custom titles and input types (Text, Rating, Counter, etc.).
   * **Edit or Remove Default Fields:** Next to every pre-filled field (like "Venue" or "Stamina"), there will be options to **Edit** (change the title, e.g., change "Venue" to "Stadium Location") or **Remove** (delete the field entirely if they don't want to track it).
3. **Saving Their Version:** Once the form is exactly how they want it, they click **[Save as Template]** and give it a unique name (e.g., "My First Team Match Template").

This system ensures that every user can create a perfectly streamlined report that matches their exact workflow and philosophy.

**Module 1: The Match Analysis Report**

This is the **Default Match Report Template** that users can use as is or customize.

**Part A: Match Vitals**

* Competition: Dropdown Menu
* Season: Text Field
* Match Date: Date Picker
* Venue: Text Field
* Weather/Pitch Conditions: Optional Text Field
* Home Team & Away Team: Searchable Dropdowns
* Final Score: Number Inputs for Home & Away

**Part B: Team & Player Setup**

* Home Team & Away Team Formation (Initial): Dropdown Menu
* Team Lineups: A dynamic list for each team with an **[+ Add Player]** button to input Player Name, Jersey Number, and Status (Starter/Substitute).

**Part C: Deep Tactical Analysis**

* **Home Team Tactical Breakdown:**
  + Attacking Phase (In Possession): Text Area
  + Defensive Phase (Out of Possession): Text Area
  + Key Transitions: Text Area
* **Away Team Tactical Breakdown:** (Identical fields as Home Team)

**Part D: Conclusive Summary**

* Overall Match Summary: Text Area
* Key Turning Point(s): Text Area
* Man of the Match: Searchable Dropdown (linked to player list)
* Final Analyst Notes: Text Area

**Module 2: The Player Performance Report**

This is the **Default Player Performance Report Template**, also fully customizable.

**Part A: Report Vitals**

* Player Name: Searchable Dropdown
* Player's Team: Auto-populated Text Field
* Primary Position(s) Played: Text Field or Tags
* Report Period: Start Date and End Date Pickers
* Matches Covered: Text Area

**Part B: Performance Snapshot (Objective Data)**

* Matches Played: Number Input
* Total Minutes Played: Number Input
* Goals: Number Input
* Assists: Number Input
* *(And other core statistical fields as desired)*

**Part C: Detailed Skill Assessment (The Coach's Eye)** Each item is a Rating (1-10) + an Optional Comment Field.

* **Technical Skills:**
  + First Touch & Control
  + Passing & Distribution
  + Shooting & Finishing
  + Dribbling & 1v1 Attacking
* **Tactical Skills / Game Intelligence:**
  + Positional Awareness
  + Decision Making
  + Work Rate & Off-the-ball Movement
* **Physical Attributes:**
  + Speed & Agility
  + Strength & Stamina
* **Psychological Profile / Mentality:**
  + Attitude & Discipline
  + Leadership & Communication
  + Composure & Resilience

**Part D: Development Summary & Action Plan**

* Overall Performance Summary: Text Area
* Key Strengths Exhibited: Text Area
* Primary Areas for Development: Text Area
* Recommended Action Plan / Drills: Text Area

This complete blueprint gives you a robust, flexible, and professional foundation for your application.