# **Admin Guide: Youth Football Roster Management System**

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## **🔐 Admin Login**

Before accessing roster functions, admins must authenticate with the correct credentials.

### **✅ Default Credentials:**

* **Username:** gtorres88
* **Password:** GFamily88!

⚠️ After **3 failed attempts**, the system initiates a timed lockout:

1. Lockout starts at 30 seconds.
2. Each additional failed attempt **doubles** the lockout time.

## **📋 Admin Menu Overview**

Once logged in, the admin sees the following options:

1. View Players
2. Edit Player Information
3. Remove Player
4. Exit

### **1️ View Players**

Displays a list of all registered players. Each entry includes:

* **ID** (for admin reference)
* **Name**
* **Date of Birth (DOB)**
* **Guardian Name**
* **Phone Number**
* **Email**
* **Division** (7U–13U, assigned based on DOB cutoff of July 31st)

🛈 This is a read-only list. Use the ID to reference players when editing/removing.

### **2️ Edit Player Information**

Update any of the following fields for a specific player:

**Editable Fields:** Name, DOB, Guardian, Phone, Email, Division

#### **Steps:**

1. Enter the **Player ID** (from the View Players list)
2. Choose a **field** to update
3. Provide the **new value**

⚠️ Ensure proper formatting for DOB (YYYY-MM-DD) and valid phone/email formats.

### **3️ Remove Player**

Deletes a player from the database.

#### **Steps:**

1. Enter the **Player ID**
2. Confirm action by pressing **Enter**

⚠️ This action is **permanent** and cannot be undone.

### **4️⃣ Exit**

Logs out the admin and exits the program.

## **Technical Notes**

* **Database Used:** SQLite (registration.db)
* All changes (edits and deletions) are **persisted** immediately in the database.
* Admin tool is CLI-based and **cross-platform compatible**.

## **Troubleshooting**

| **Problem** | **Solution** |
| --- | --- |
| Cannot log in | Ensure username and password are typed correctly. Check Caps Lock. |
| "Error opening database" | Confirm registration.db exists in the same directory as the program. |
| Player not found by ID | Use "View Players" to confirm correct ID exists. |
| Edits not saving | Check that the field name is valid. Use exact names listed above. |

## **Security Reminders**

* Do **not** share admin credentials publicly.
* Password input is **masked** for privacy.
* Consider changing the default credentials before deployment.

## **Suggested Enhancements (Future Work)**

* Add confirmation prompts before deletion or updates.
* Implement a logging system to track changes.
* Allow bulk editing or import/export via CSV.
* GUI frontend with authentication roles (Admin, Coach, Viewer).