# **Admin Guide: Roster Management System**

**Project:** Youth Football Digital Registration System

**Developer:** Gino Torres

**Course:** CMPS 499 – Senior Project

**Semester:** Spring 2025

## **Admin Access**

Before accessing the roster system:

1. You must **log in** using the following credentials:  
   * **Username:** gtorres88
   * **Password:** GFamily88!
2. There is a **3-attempt limit** before lockout.
3. After 3 failed attempts, login will be locked for **30 seconds**, increasing exponentially for subsequent failures.

Passwords are **hidden** during input.

**Main Menu Options**

Once logged in, the Admin Menu provides the following options:

1. View Players

2. Edit Player Information

3. Remove Player

4. Export Players to CSV

5. Exit

## **1. View Players**

Displays a formatted list of all registered players with the following fields:

* **ID**
* **Name**
* **Date of Birth**
* **Guardian Name**
* **Phone Number**
* **Email Address**
* **Division (7U–13U)**

This is useful for reviewing registrations and cross-checking player data.

## **2. Edit Player Information**

You will be prompted to:

1. **Enter the Player's ID** (from the list).
2. **Choose a field to edit:** Name, DOB, Guardian, Phone, Email, or Division
3. **Enter the new value**.

**Special Note for DOB Changes:** If you update the **Date of Birth**, the system **automatically recalculates** and updates the player's division based on their age as of **July 31st** of the current year.

## **3. Remove Player**

* Enter the **Player ID** to delete a player’s registration record from the database.
* This action is **permanent** and cannot be undone.

## **4. Export Players to CSV**

Creates a file named players\_export.csv in the working directory.  
 The CSV includes:

* ID
* Name
* DOB
* Guardian
* Phone
* Email
* Division

This file can be shared with coaches, used offline, or imported into spreadsheets for additional tracking.

## **Division Calculation Rules**

The system calculates the correct division using the player’s **age as of July 31**:

| **Age on July 31** | **Division** |
| --- | --- |
| ≤ 7 | 7U |
| 8 | 8U |
| 9 | 9U |
| 10 | 10U |
| 11 | 11U |
| 12 | 12U |
| ≥ 13 | 13U |

## **Technical Notes**

* Built with **C++** using **SQLite3**.
* Password input supports both **Windows** and **Linux/macOS**.
* CSV export ensures data is readable in Microsoft Excel, Google Sheets, etc.

**Version History**

| **Version** | **Changes** |
| --- | --- |
| 1.0 | Initial release with login, view, edit, remove, and export functions |