

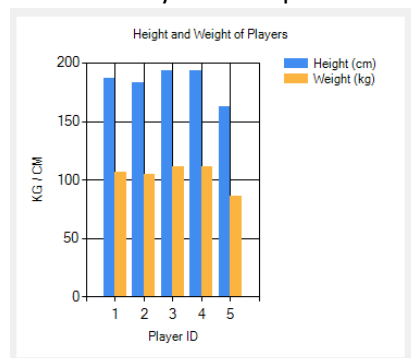
1. Upon opening the application, 2 files will be loaded automatically by default. These files contain players and teams data. Any data contained in these files will be loaded. If the files are empty or do not exist, no data will be loaded.

The files are located as follows:

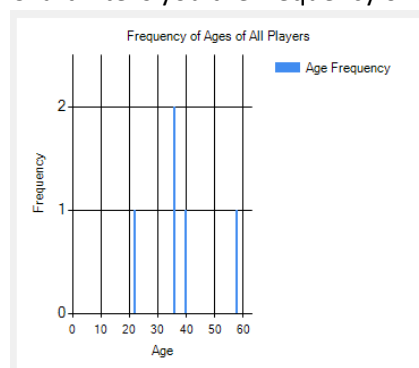
- a. “\...\Assignment3\MainPlayerManagementForm\MainPlayerManagementForm\bin\Debug\Players.txt”
- b. “\...\Assignment3\MainPlayerManagementForm\MainPlayerManagementForm\bin\Debug\Teams.txt”

2. If player data exists in the player data files, or player data is added by the user, 2 charts will be plotted:

- a. Chart 1 tells you a comparison of heights and weights of each player



- b. Chart 2 tells you the frequency of the age of players

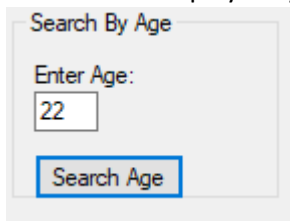


3. To sign a player to a team, enter the player ID and the name of the team you would like to sign to. For example:

A form titled "Sign Player To Team". It contains two input fields: "Player ID" with the value "5" and "Team Name" with the value "Auckland". Below the input fields is a button labeled "Sign Selected Player To Team".

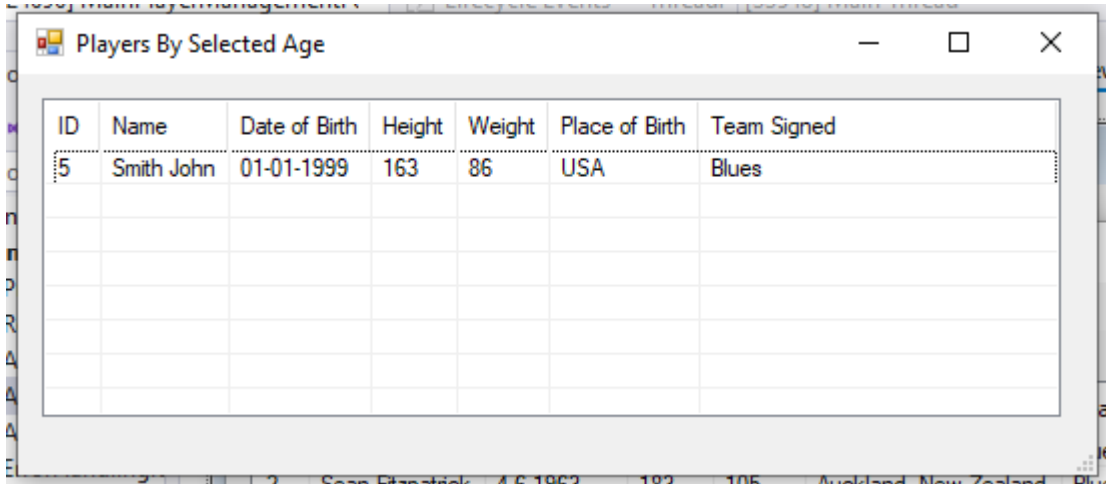
Note: the player ID and team must exist before signing a player

4. To search for a player by age, simply type in an age:



A small dialog box titled "Search By Age". It contains a label "Enter Age:" followed by a text input field containing the number "22". Below the input field is a button labeled "Search Age".

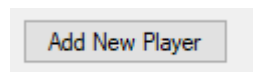
If a player of that age exists, a new window will open showing all players of that age:



A window titled "Players By Selected Age" displaying a table of players. The table has 7 columns: ID, Name, Date of Birth, Height, Weight, Place of Birth, and Team Signed. The first row contains data for a player named John Smith, born 01-01-1999, with height 163, weight 86, born in the USA, and signed with the Blues team. The rest of the table is empty.

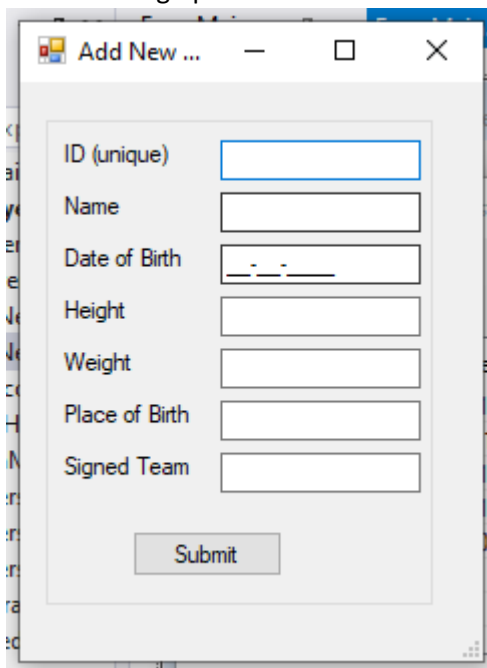
ID	Name	Date of Birth	Height	Weight	Place of Birth	Team Signed
5	Smith John	01-01-1999	163	86	USA	Blues

5. To add a new player, click on this button:



A button labeled "Add New Player".

This will bring up a new form:



A window titled "Add New ..." containing a form for adding a new player. The form has the following fields: "ID (unique)" (text input), "Name" (text input), "Date of Birth" (text input with a date format mask), "Height" (text input), "Weight" (text input), "Place of Birth" (text input), and "Signed Team" (text input). A "Submit" button is located at the bottom of the form.

Enter required data.

Note: all data must be entered and be of the correct format. For example, ID's can only be

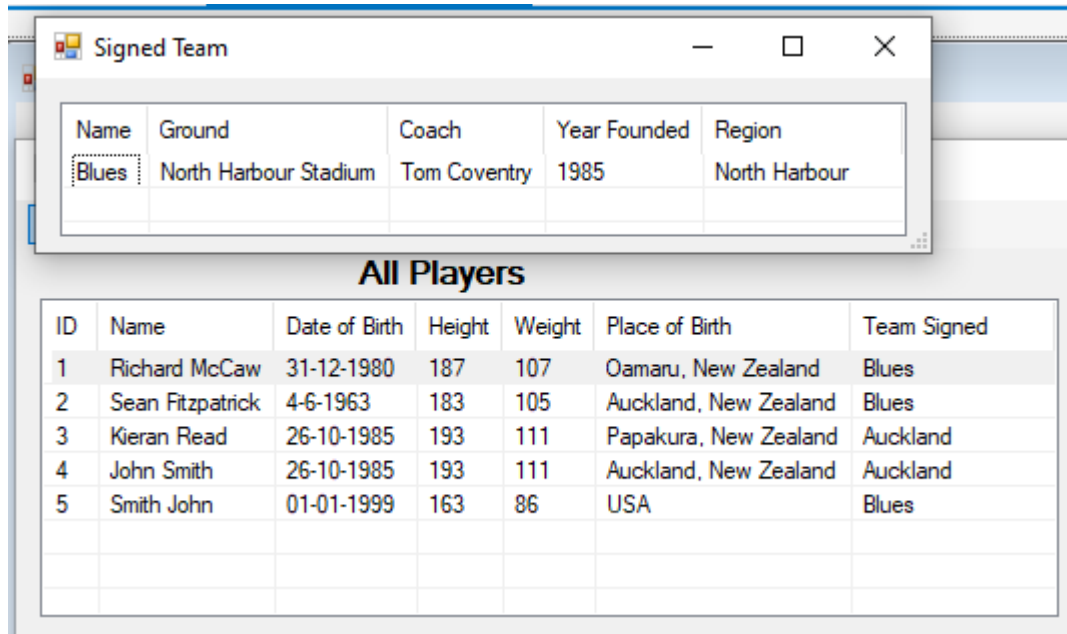
The exact same process applies for adding a new team:

7. To search all players who were born in a certain place, enter name here:

A new table will appear if the birthplace is found:

[illegible]

8. To display a players' signed team, simply click on the players row in "All Players":



The image shows a software interface. At the top, a window titled "Signed Team" is open, displaying a table with the following data:

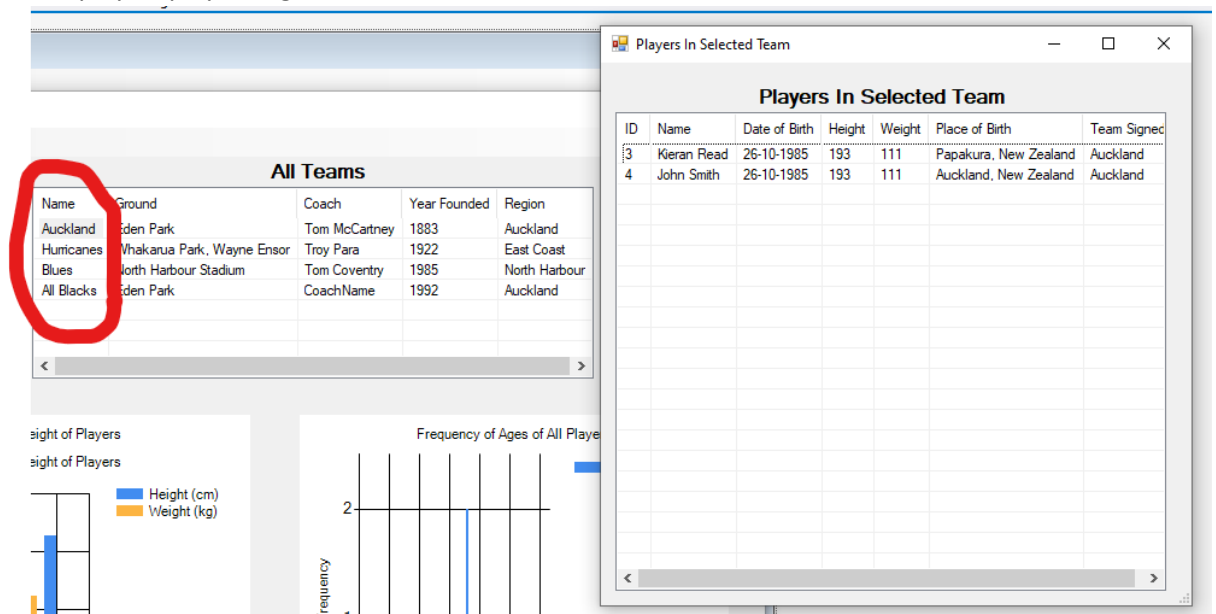
Name	Ground	Coach	Year Founded	Region
Blues	North Harbour Stadium	Tom Coventry	1985	North Harbour

Below this window is a larger table titled "All Players". The row for player ID 1 (Richard McCaw) is highlighted, indicating it was clicked.

ID	Name	Date of Birth	Height	Weight	Place of Birth	Team Signed
1	Richard McCaw	31-12-1980	187	107	Oamaru, New Zealand	Blues
2	Sean Fitzpatrick	4-6-1963	183	105	Auckland, New Zealand	Blues
3	Kieran Read	26-10-1985	193	111	Papakura, New Zealand	Auckland
4	John Smith	26-10-1985	193	111	Auckland, New Zealand	Auckland
5	Smith John	01-01-1999	163	86	USA	Blues

This will bring up the players' signed team. In this example, the row containing player ID 1 was clicked.

9. To display all players signed to certain team, click on the team *Name* under "All teams":



The image shows a software interface. On the left, a table titled "All Teams" is visible. The row for "Auckland" is circled in red, indicating it was clicked.

Name	Ground	Coach	Year Founded	Region
Auckland	Eden Park	Tom McCartney	1883	Auckland
Hurricanes	Whakarua Park, Wayne Esnor	Troy Para	1922	East Coast
Blues	North Harbour Stadium	Tom Coventry	1985	North Harbour
All Blacks	Eden Park	CoachName	1992	Auckland

On the right, a window titled "Players In Selected Team" is open, displaying a table with the following data:

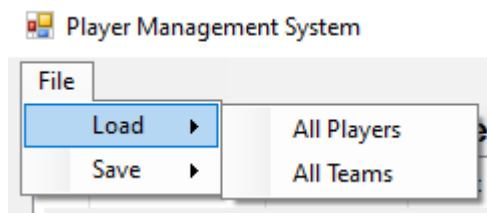
ID	Name	Date of Birth	Height	Weight	Place of Birth	Team Signed
3	Kieran Read	26-10-1985	193	111	Papakura, New Zealand	Auckland
4	John Smith	26-10-1985	193	111	Auckland, New Zealand	Auckland

Below the "All Teams" table, there are two charts: "Height of Players" (a bar chart showing height in cm) and "Frequency of Ages of All Players" (a bar chart showing frequency).

This will bring up all players signed to that team. In this example, the team "Auckland" was clicked.

Note: this function only works when the team name is clicked. It will not work if a team row is clicked.

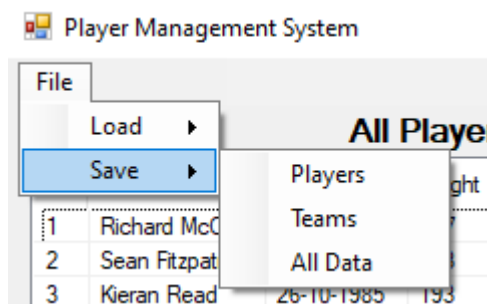
10. To load new data from an existing file, click on file->load:



You may then select the file you wish to open.

Note: the data in the file must be created by this program. If this is not the case, errors may occur, or the data may load incorrectly.

11. To save data currently in the tables, click file->save:



You may choose to save only player or team data. Alternatively, you can chose to save all data.