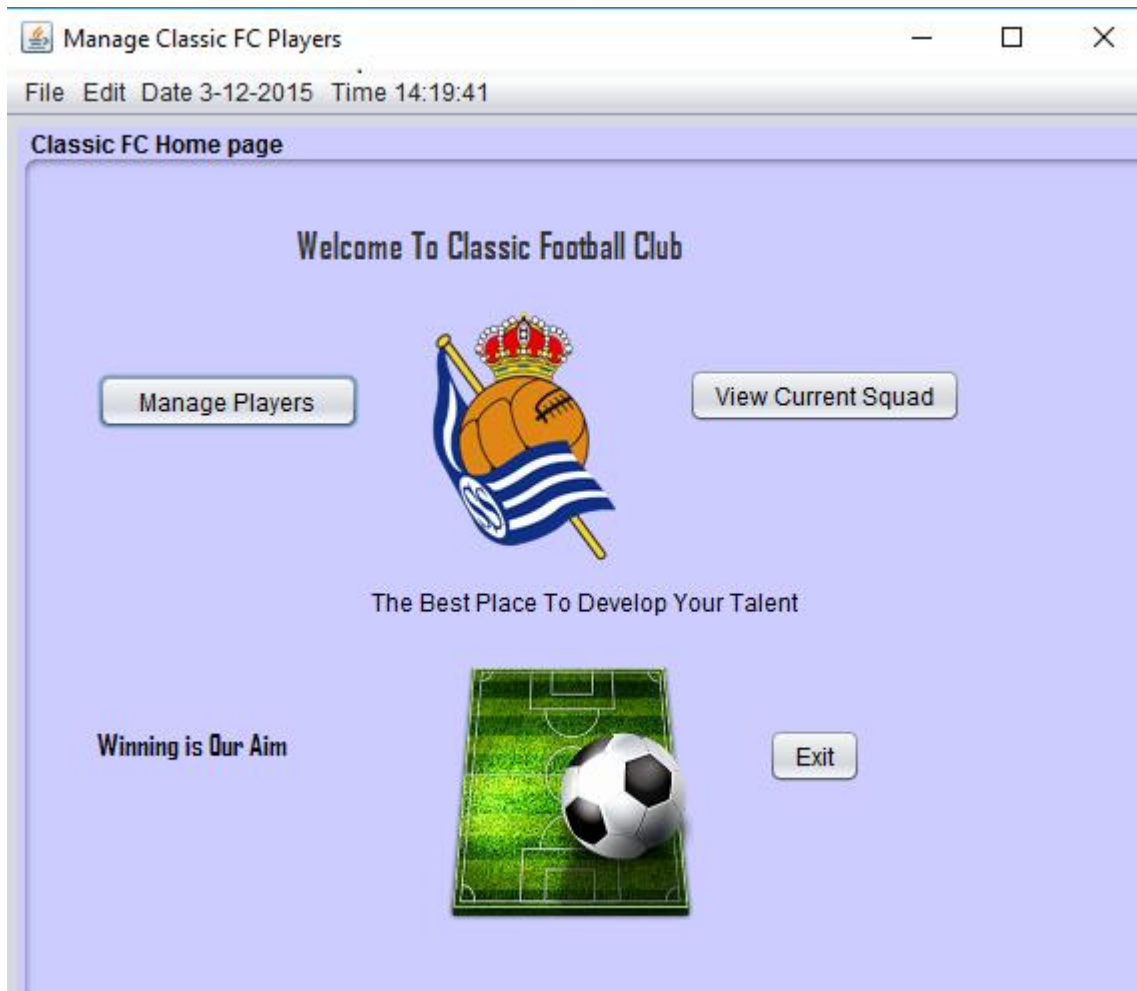


CLASSIC FOOTBALL CLUB PROJECT REPORT

Introduction

The project is about a football club where the players are managed. Managing the players includes signing new players, updating players` contracts and releasing players from the club (deleting the player). Below is the outline of the program user interface.

1. Homepage



This is the homepage which runs as the main class once the program is run. It has a menu bar displaying dynamic current date and time. It has three buttons; manage players, view current squad and exit. The first two buttons are linked to other classes of the program which are discussed below.

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2. Manage players

Once the user presses the manage players button, a new class interface shown below is opened.

The screenshot shows a window titled "Manage Classic Fc Players". Inside the window, there is a section titled "Sign Player" in green text. This section contains a form with the following fields and buttons:

- Jersey No**: A text input field with a blue border.
- First Name**: A text input field.
- Other Name**: A text input field.
- Position**: A text input field.
- Nationality**: A text input field.
- Age**: A text input field.
- Contract Expiry Date**: A text input field next to a small calendar icon.
- Buttons**: "Save" and "Clear" buttons are at the bottom of the form. "Search", "Update", and "Delete" buttons are to the right of the form. An "Exit" button is at the bottom right of the window.

This is the crucial class of the whole project. It is here you sign players by entering their details in the text fields.

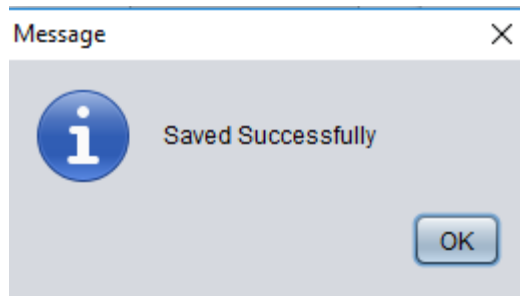
- Jersey no –it is the primary key. The text field only accepts integers alone!
- First name- it is the first name of the player. Only characters are accepted
- Other name- it is any other name of the player. Characters only.
- Position – this is the role of the player e.g. striker, defender etc. only characters are accepted
- Nationality – nationality of the player
- Age – age of the player

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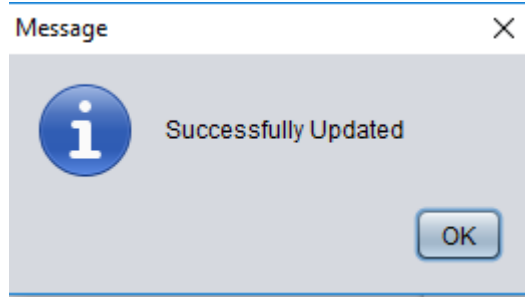
- Contract expiry date – it takes the date of the expiry of the contract of the player to be signed. It has a JDateChooser which once pressed displays a Jcalendar from where one can choose the date, month and year. It is in this text field where the extension of the contract is done and the player details updated.

The window also has six buttons;

- save – it saves players details in the database once all the details are entered

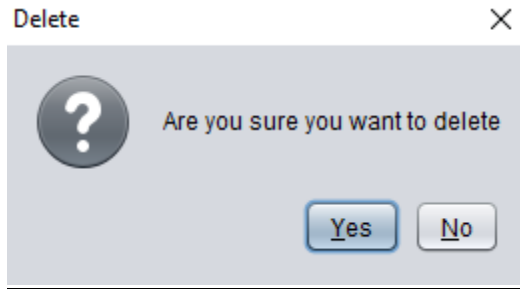


- clear – clears the text fields
- search – searches for a player in the database using jersey number or any of the names. Once the player is found, his details are retrieved in the respective text fields
- update – updates details of the player



- delete – used to release (delete) a player from the club

CLASSIC FOOTBALL CLUB PROJECT REPORT



- exit – closes the current window/frame

3 view squad

Opens a table displaying the current players of Classic FC

CLASSIC FC CURRENT SQUAD						
Jersey No	First Name	Second Name	Position	Nationality	Age	Contract
1	David	Degea	Goal Keeper	Spanish	26	2017-12-01
2	Branslav	Ivanovic	Defender	Serbia	30	2016-06-01
3	A	Cole	left back	England	32	2018-08-01
4	Sergio	Ramos	Center back	spanish	32	2018-08-01
5	Kurt	Zouma	Center back	French	20	2020-08-01
6	Paul	Pogba	Midfielder	French	23	2020-06-01
7	Luis	Suarez	Striker	Uruguay	27	2017-12-01
8	Andres	Iniesta	Midfielder	Spanish	31	2016-06-01
9	Jimmy	Vardy	Striker	Engalnd	23	2019-07-01
10	Eden	Hazard	Attacking midfielder	Belgian	26	2020-06-01
11	Douglas	Costa	Winger	Brazilian	27	2018-06-01
12	Victor	Wanyama	Defending Midfielder	Kenyan	25	2019-05-01
13	Arjen	Robben	Winger	Nethland	32	2017-07-01
14	Kelvin	Debyrne	Attacker	Belgian	23	2020-07-01
15	Willian	Dasilva	Winger	Brazilian	27	2019-06-01
16	Sergio	Aguero	Striker	Agentine	28	2018-06-01
17	Alexis	Sanchez	Attacker	Chile	26	2018-08-01
18	Romelu	Lukaku	Striker	Belgian	25	2018-08-01
19	Diego	Costa	Striker	Spanish	26	2018-06-01
20	Yaya	Toure	Striker	Ivory Cost	29	2018-06-01
21	Nemaja	Matic	Defending Midfielder	Serbian	28	2019-06-01
28	Ross	Bakley	Attacker	England	24	2017-12-01

it has a print button which displays the option of printing the squad in the desired format.

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Database

The project uses a standalone SQLite database

classicfc database has one table showing the players details.

TABLE	players	Search	Show All			
Jersey_No	First_Na...	Other_Name	Position	National...	Age	Contract
1	David	Degea	Goal Keeper	Spanish	26	2017-12-01
2	Branslav	Ivanovic	Defender	Serbia	30	2016-06-01
3	A	Cole	left back	England	32	2018-08-01
4	Sergio	Ramos	Center back	spanish	32	2018-08-01
5	Kurt	Zouma	Center back	French	20	2020-08-01
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9	Jimmy	Vardy	Striker	Engalnd	23	2019-07-01
10	Eden	Hazard	Attacking midfie...	Belgian	26	2020-06-01
11	Douglas	Costa	Winger	Brazilian	27	2018-06-01
12	Victor	Wanyama	Defending Midfi...	Kenyan	25	2019-05-01
13	Arjen	Robben	Winger	Nethland	32	2017-07-01
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16	Sergio	Aguero	Striker	Agentine	28	2018-06-01
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18	Romelu	Lukaku	Striker	Belgian	25	2018-08-01
19	Diego	Costa	Striker	Spanish	26	2018-06-01
20	Yaya	Toure	Striker	Ivory Cost	29	2018-06-01

NB: To get a clear insight of the whole project, run the executable jar file in the distributable folder.