Name: Juwon Wharwood

ID#:02987098

Course:CSC1-136-02

Test Plan

Scope

Note: This program was originally described using classes and a linked list however during the development this was changed to a database and lists.

Please note that the database and main.py file must be in the same directory for the code to run

This program was developed for the purpose of simplifying the decision making process when it comes to signing transfer targets. To achieve this goal the user can enter player data and the program stores this data. The data can be output in the form of a list, and players can be removed by name at any time. Each list has different key statistics that are used to sort them. At the moment there are three main lists that can be output by the program.

The final program should consist of different tables or lists than can be displayed according to what kind of player the team is looking for. At present research is being done to determine which stats can be used next to more effectively depict different ways to sort players. Another unforeseen issue is the inconsistency with the player ID system. At the moment the user must come up with an ID and the system does not generate an ID for the user. The final missing deliverable is the password authentication. This is missing because this is a test and it would be easier to access the application if no password and username have been set. For the final demonstration this will be included.

Final Deliverables

To meet the final deliverables the program must.

1. Accept the names of Players and the relevant stats for each player
2. Store this information using a database in the correct list
3. Output different rankings depending on the criteria for individual lists
4. Allow user to successfully delete player information
5. Successfully allow user to enter password and username
6. Generate different IDs for different players

Criteria to meet during current test

1. Accept the names of Players and the relevant stats for each player
2. Store this information using a database in the correct list
3. Output different rankings depending on the criteria for individual lists

4. Allow user to successfully delete player information

Test Plan

1. There will be 3 lists present that can displayed by selecting view.
   Select the view option to see them displayed in the correct order
2. After this the user can choose to make note of any player they wish to delete,
   run the program again and choose which player you like to delete. To delete a player, you
   must enter the full name of said player that is listed
3. The next function the user can test is the add player. The user can add the player to any
   list as long as they meet the standards for the stats that can be entered. The prompts will
   guide the user in what can and cannot be entered
4. For the last test the user can delete the data base. However to create the database again
   the section of code that is commented out for each data base must be uncommented
   before the code is run. If the commented section is left to run after the database is
   recreated there will be an error because the database has already been created. The
   objective of this test is to show that the existing code did indeed create said database and
   each list.