

Overview of Functionality:

Profiles:

- Information being stored (that user can access):
 - First name
 - Last name
 - Year
 - Position
 - Height (feet)
 - Height (inches)
 - Weight
 - Hometown
 - High School
 - Club
 - Image
- Creating a new Profile:
 - From main page press the Profiles button
 - Press the new profile button
 - Fill out all the information and press submit
- Delete a Profile:
 - From the main page press the Profiles button
 - Press the delete profile button
 - Press a player to delete
 - Confirm the delete
- Edit a Profile:
 - From the main page press the Profiles button
 - Press on the player to edit
 - Edit information and press submit
 - **Note:** Because of the way the information is being stored, if you change the name of a player, a new player will be created so you must then delete the old player. This also means you cannot have two players with the same name.
- Information being stored (that users cannot access):
 - Whether they are in play or not
 - Their group number
 - Their time on the field
 - Whether their timer is on or not
 - X and Y positions on the field

External Links:

- Links currently provided:
 - Roster

- Inside Soccer
- Google Drive
- Wipe Board

Practice:

- Set up:
 - From main page press the practice button
 - Press and hold a player in the list until device vibrates
 - Drag to desired group
 - Release player
 - **Note:** This works between any two lists. Also not all players need to be sorted, and not all lists need to be populated.
 - Press the clear button to reset all players to main list
- On Field:
 - From Set Up page press the practice button
 - Moving Players:
 - Press and hold player until device vibrates
 - Drag to desired position or back to the list
 - Restrictions:
 - You may not put player back in list if timer is still running
 - When player is dragged back to list, it ALWAYS goes back to the group it came from even if that is not the group that is currently displayed
 - If you wish to change what group they are in you must go back to the set up page
 - Change which group is being displayed:
 - Select group via the radio buttons above the list of players
 - Start timers:
 - While there are players on the field press the start button
 - This will start the timers for ONLY the players on the field
 - Border on picture should turn green (this is still a little buggy)
 - Stop timers:
 - While there are players on the field and their outlines are green (meaning you started the timers) press the stop button
 - This will stop the timers for the players on the field
 - Borders on pictures should turn red (again this is still a little buggy)
 - Clear timers:
 - At any time, press the clear timers button
 - This will reset the timers for all players (in lists and on field) back to zero
 - Clear field:
 - With players on the field press the clear field button

- This will move all players on the field back to the lists (preserves their timers and group numbers)
- Restrictions:
 - Cannot clear field if timers are still running
- Clear All:
 - At any time, press the clear all button
 - This will move all players back to lists, clear all their timers, and reset all their group numbers
 - Because the group numbers are reset, this also redirects you back to the set up page

Connectivity:

- All changes in a profile and all changes made on the field during practice time are channeled through Firebase so should instantaneously update on any other device also running the app
- As a result, a wireless internet connection is **required** to use this app

NOTE: When first starting up the app and going to either the profiles or practice set up page it will take a few seconds to load the players so don't worry if they aren't there instantaneously.

Example steps of creating a profile with a picture:

1. Go to external links
2. Click the link for the roster
3. Click on a player you want the pic for
4. Press and hold on the players picture
5. Press save (picture will be downloaded to device)
6. Go back to app, and back to the main page
7. Go to profiles
8. Start a new profile
9. Fill out all the information
10. Press upload picture (will be taken to gallery)
11. Find the downloaded picture and select it
12. Submit profile

Without picture skip steps 1-6