HockeyGameTrack
User's Guide

Oct 2013

Version 1.0
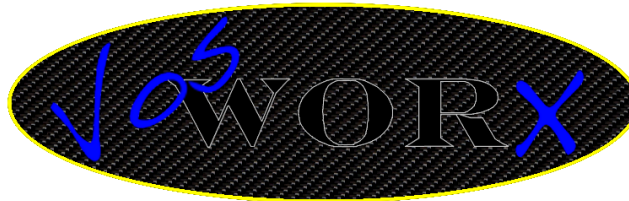
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Introduction

Welcome to HockeyGameTrack, you're one stop shop for tracking the fast paced action of your favorite hockey games from your iPad. This guide will walk you through step by step instructions (with their associated screens) to get you up and recording the details for your favorite game. We'll enough of the intro, on to the details.

The Details

In this section we'll walk you through the major capabilities of the application along with the necessary steps to get you up and recording your first game.

Main Screen
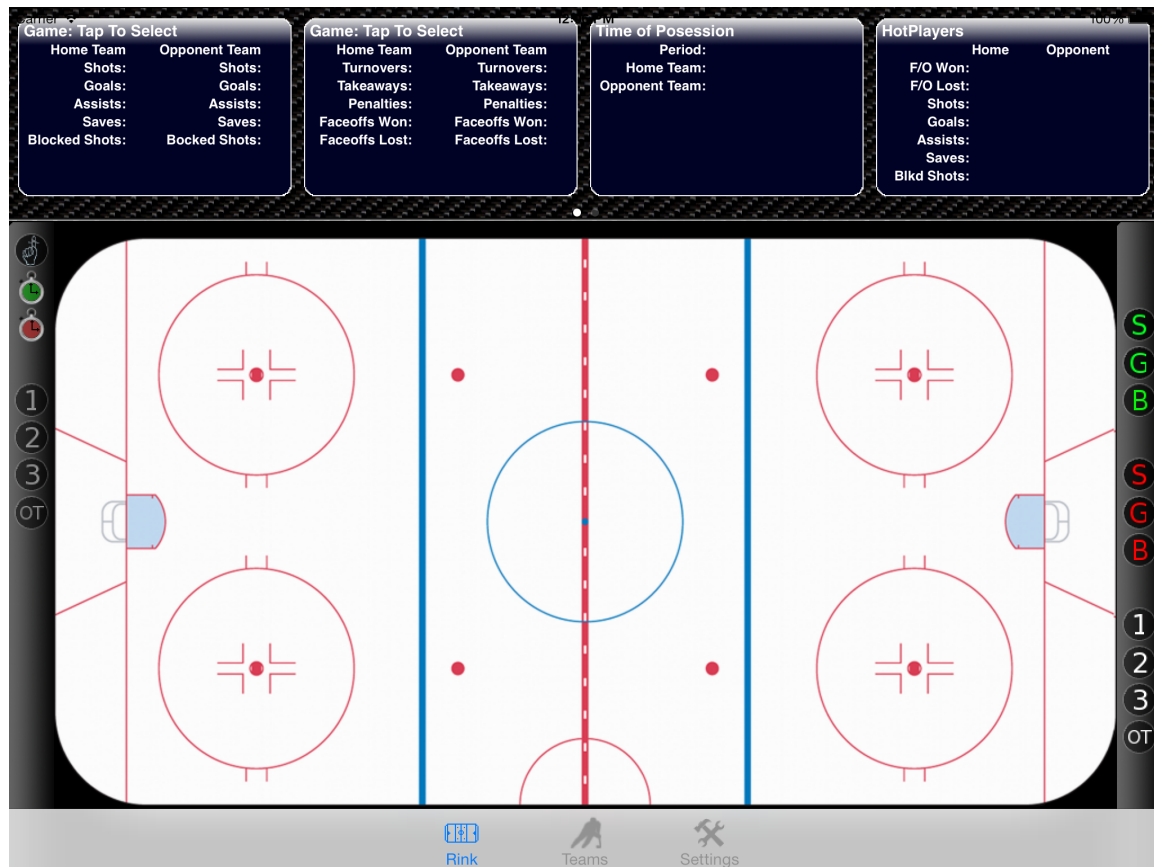
Whenever you fire up the app you'll be presented with the main display above. We'll go into the detail of all the buttons and such later in this section. For now, the first thing you need to do is to click the "Teams" button at the bottom center of the screen to take you to the team/game management area of the application. When you click that button you'll get the following screen.

Setup a Team

+   **Teams**   Edit

NO TEAMS FOUND

Rink   Teams   Settings
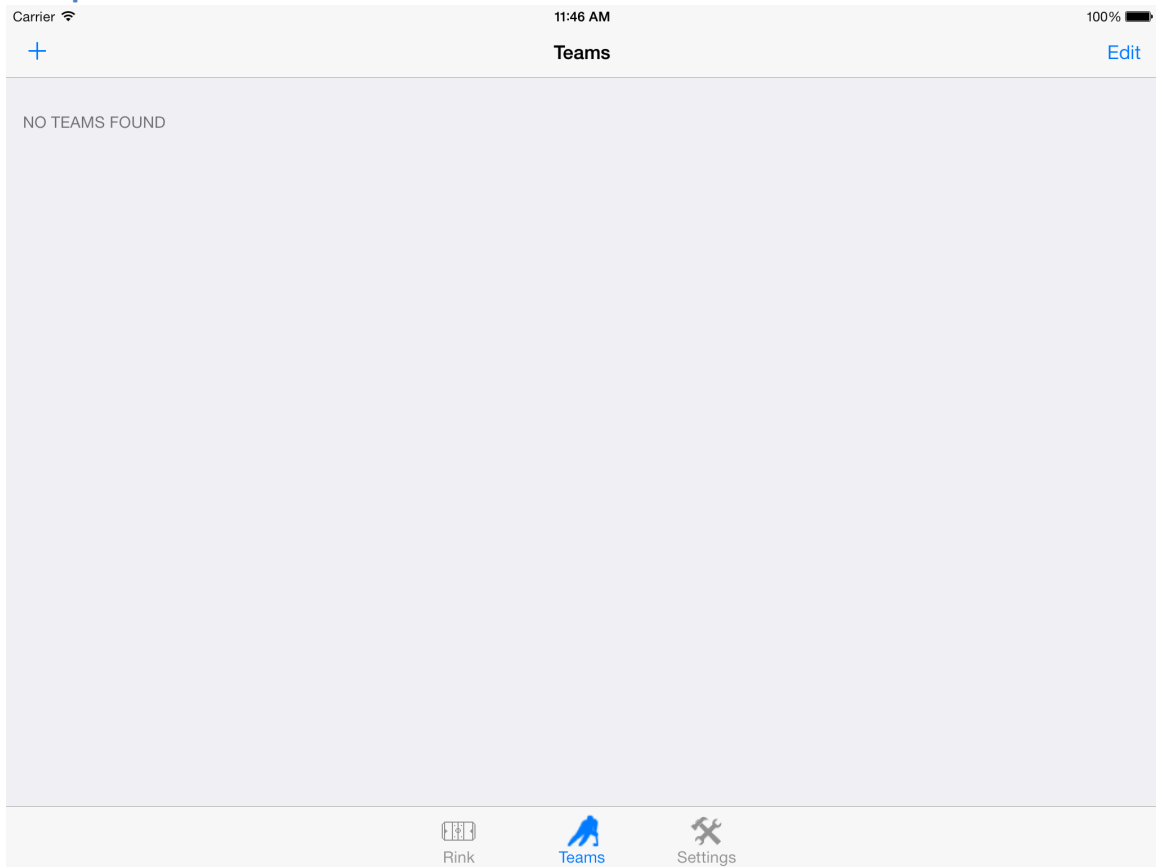
As this is the first time you've fired up the app you'll see that there aren't any teams yet set up so let's get that done. To add a new team (you can have as many as you'd like), just click the add button in the upper left corner which will take you to the team page below.

Team Name [ ]   Summary   Add   Edit

No Players Found

Add   Edit

No Games Found

Rink   Teams   Settings
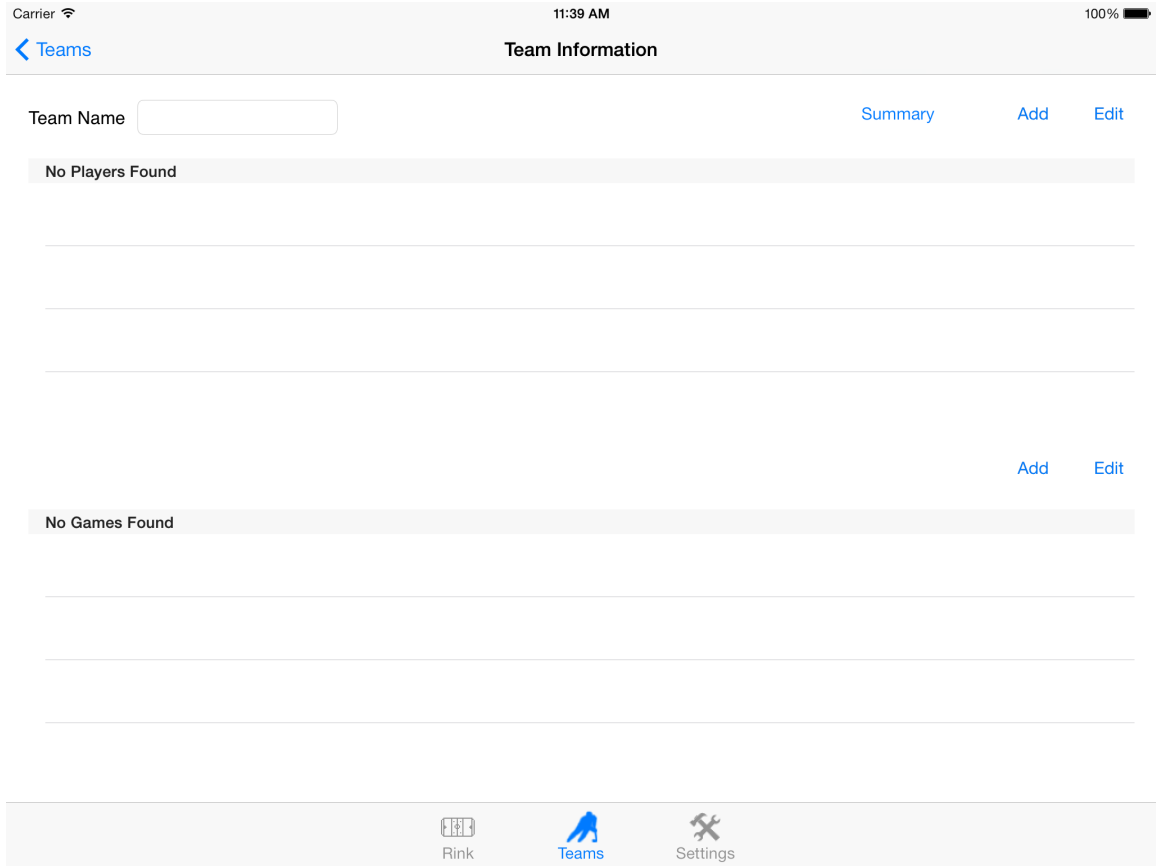
This is the main team page (take a moment to familiarize yourself with this page as you'll spend a lot of time in and around this page as you use the app)

From this page you can manage the roster for the team, set of games that the team has (or will) play and see a summary of the team's stats for the games played to date.

As we've just created this team, the first thing to do is to put in a name for the team.

Team Name | Test Team

Summary Add Edit

No Players Found
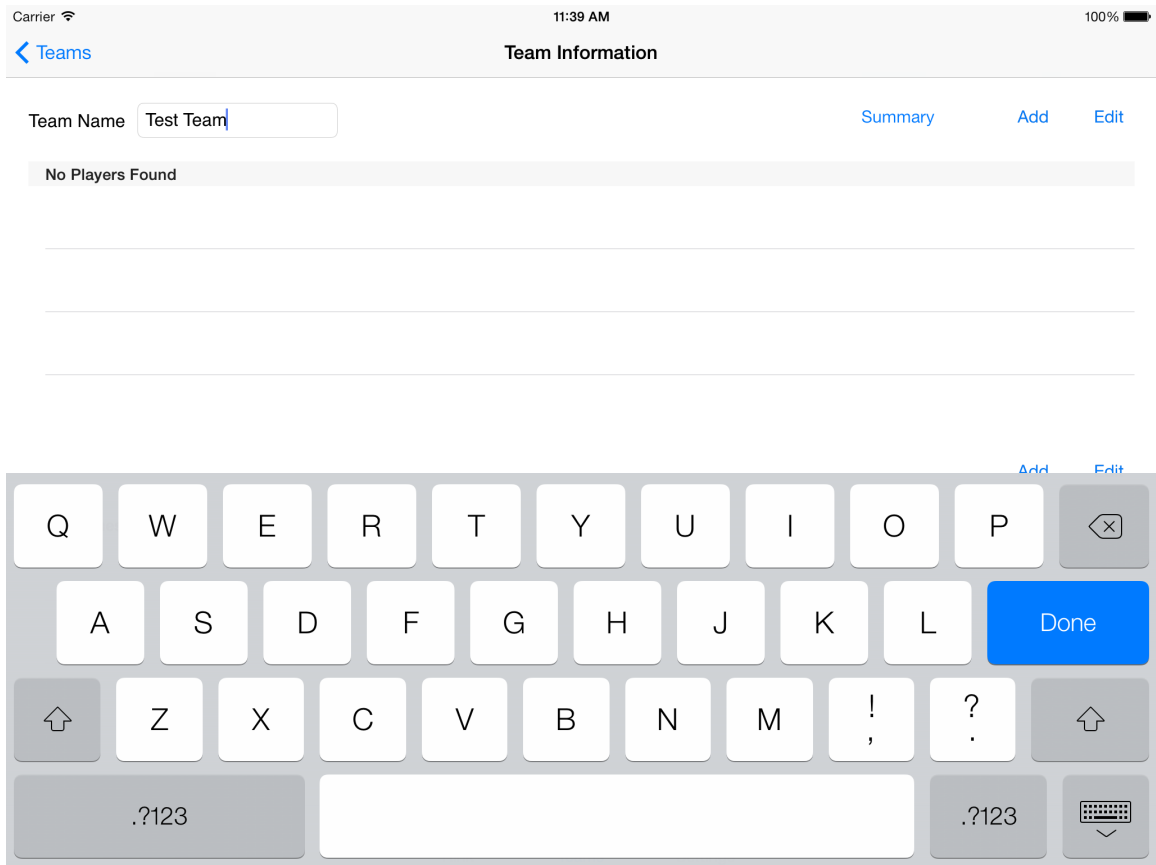
To enter the team name, just tap in the Team Name field at the top of the screen and enter the name you want.

As my kids are in High School, I use names like Varsity and JV but it can be pretty much anything you'd like. If your player is on multiple teams (spring, fall, winter) then you can put all of the different teams into the app so that you can track the various seasons.

Now that the team is setup, the next step is to add a few players to the roster. If you only want to track the stats for your child (and not the team) then just put in a single player (your player) into the roster.

The players you enter here automatically populate the context sensitive menus in the app when you record the stats (more on that later). To add a player, just click on the add button in the upper right corner. That will bring up the player details page below.

Add Players

‹ Teams   **Team Information**

Team Name | Test Team | Summary   Add   Edit

Team Players

\# | 0 | Name: | Player Name | Position: | Position | Goalie: (○)   Right Hand… (●)   ›

                                                            Add   Edit

No Games Found

Rink   Teams   Settings

On this page you can enter the number, name and position of the player. In addition, you can set whether the player is the goalie and whether they right or left handed.

In my case, I've already added a number of other players (no need to show you that as it's the same as the one we just did) so you now see the players I've entered.

Team Name   Test Team   Summary   Add   Edit

Team Players

#	10	Name:	Test 1	Position:	Goalie	Goalie: 🟢	Right Hand… 🟢	›
#	11	Name:	Test 2	Position:	Defense	Goalie: ⚪	Right Hand… 🟢	›
#	12	Name:	Test 3	Position:	Defense	Goalie: ⚪	Right Hand… ⚪	›
#	13	Name:	Test 4	Position:	Wing	Goalie: ⚪	Right Hand… 🟢	›

Add   Edit

No Games Found

Rink   Teams   Settings

Now that you have some players (or a bunch if you're tracking the team) it's time to create a game.

All of the stats that you record are for a player on a team in the context of a game (hopefully that's just like the real world). The last step before you can start using the app is to create a game in which to record some stats for the players on the team.

To create a game, just click the add button in the middle right portion of the screen and it will take you to the game page shown below.

Create a Game

When a game is created, the application automatically creates fifty players for the opposing team (trying to save you time entering all the info as more often than not you don't care about entering the roster for the opposing team).

Home Team Name: Test Team   Opponent Team Name: | Opponent Team | Summary   Details   Export

Add   Edit

Home Team Players

Test 1
#10 : Goalie   Goalie: 🟢   Started Game: 🟢   ❯

Test 2
#11 : Defense   Goalie: ⚪   Started Game: ⚪   ❯

Test 3
#12 : Defense   Goalie: ⚪   Started Game: ⚪   ❯

Test 4
#13 : Wing   Goalie: ⚪   Started Game: ⚪   ❯

Add   Edit

Opponent Team Players

Opponent Player 1
#1   Goalie: ⚪   Started Game: ⚪   ❯

Opponent Player 2
#2 :   Goalie: ⚪   Started Game: ⚪   ❯

Opponent Player 3
#3 :   Goalie: ⚪   Started Game: ⚪   ❯

Opponent Player 4
#4 :   Goalie: ⚪   Started Game: ⚪   ❯

Rink   Teams   Settings

If you really want to update the opposing team's roster, you by all means can (just tap each row of the table and enter in the info you want). In my experience, I only care about the opposing team's player numbers so the app does that part for free.

One other note, you can create players for your team from this screen as well (so either the team page or the game page). I did this as I find that we often have kids rolling up from JV to Varsity so being able to add players from the game screen can be handy.

Setup the Starters

< Team Information   **Game Details**

Home Team Name: Test Team   Opponent Team Name: Opponent Team   Summary   Details   Export

Add   Edit

Home Team Players

Test 1 #10 : Goalie	Goalie: ⬤	Started Game: ⬤	>
Test 2 #11 : Defense	Goalie: ○	Started Game: ⬤	>
Test 3 #12 : Defense	Goalie: ○	Started Game: ⬤	>
Test 4 #13 : Wing	Goalie: ○	Started Game: ⬤	>

Add   Edit

Opponent Team Players

Opponent Player 1 #1 : Goalie	Goalie: ⬤	Started Game: ⬤	>
Opponent Player 2 #2 :	Goalie: ○	Started Game: ⬤	>
Opponent Player 3 #3 :	Goalie: ○	Started Game: ⬤	>
Opponent Player 4 #4 :	Goalie: ○	Started Game: ⬤	>

Rink   **Teams**   Settings

Now that you have your players for both teams ready to go, it's time to set the players that started the game. You can do that by simply sliding the toggle shown above to on for each person who started on the two teams.

Once you're done setting that up, you can head back to the team page by clicking on the "Team Information" button at the upper left and you should see the screen below.

Team Name   Test Team   Summary   Add   Edit

Team Players

#	10	Name:	Test 1	Position:	Goalie	Goalie:	🟢	Right Hand…	🟢	›
#	11	Name:	Test 2	Position:	Defense	Goalie:	⚪	Right Hand…	🟢	›
#	12	Name:	Test 3	Position:	Defense	Goalie:	⚪	Right Hand…	⚪	›
#	13	Name:	Test 4	Position:	Wing	Goalie:	⚪	Right Hand…	🟢	›

Add   Edit

Games Played

Test Team vs Opponent Team   ›

Rink   Teams   Settings

Ok, we have a team, the team has a roster and we created a game (you could have done multiples of any of those if you'd wanted to but we're going to keep it simple for now).

At this point you've got everything necessary to get going with the app. Now's probably a good time for a quick aside. You've been entering a lot of data so far and you've not hit save on anything. Don't worry, the app automatically saves the date you enter as you transition from screen to screen so everything is safely stored into the database.

The next time you start the app to record stats for a new game, all you'll need to do is create the new game for the team, set the starters and you're ready to go.

That said, let's get on to the main attraction of recording stats for a game. To get back to the main rink page, just click on the "Rink" button at the bottom left and you'll get the screen below.

Game Screen

Game: Tap To Select	
Home Team	**Opponent Team**
Shots:	Shots:
Goals:	Goals:
Assists:	Assists:
Saves:	Saves:
Blocked Shots:	Bocked Shots:

Game: Tap To Select	
Home Team	**Opponent Team**
Turnovers:	Turnovers:
Takeaways:	Takeaways:
Penalties:	Penalties:
Faceoffs Won:	Faceoffs Won:
Faceoffs Lost:	Faceoffs Lost:

Time of Posession
Period:
Home Team:
Opponent Team:

HotPlayers		
	Home	**Opponent**
F/O Won:		
F/O Lost:		
Shots:		
Goals:		
Assists:		
Saves:		
Blkd Shots:		

Rink   Teams   Settings

This is the main rink page and is where you'll spend your time when recording game information. The first thing you need to do is activate a game to record stats for. To do that, head to the next section.

Activate a Game

To activate a game, single tap the game portlet at the upper left of the portlet screen.

When you tap, you should see the screen above (or some variant depending on what teams you setup). From the list, select the team that you want to activate a game for. In my case I selected the only entry and was presented with the following screen.

Game: Tap To Select

Home Team	Opponent Team
Shots:	Shots:
Goals:	Goals:
Assists:	Assists:
Saves:	Saves:
Blocked Shots:	Bocked Shots:

Game: Tap To Select

Games

Test Team vs Opponent Team

Time of Posession

	Period:
	Home Team:
ponent Team:	

HotPlayers

	Home	Opponent
F/O Won:		
F/O Lost:		
Shots:		
Goals:		
Assists:		
Saves:		
Blkd Shots:		

Rink   Teams   Settings
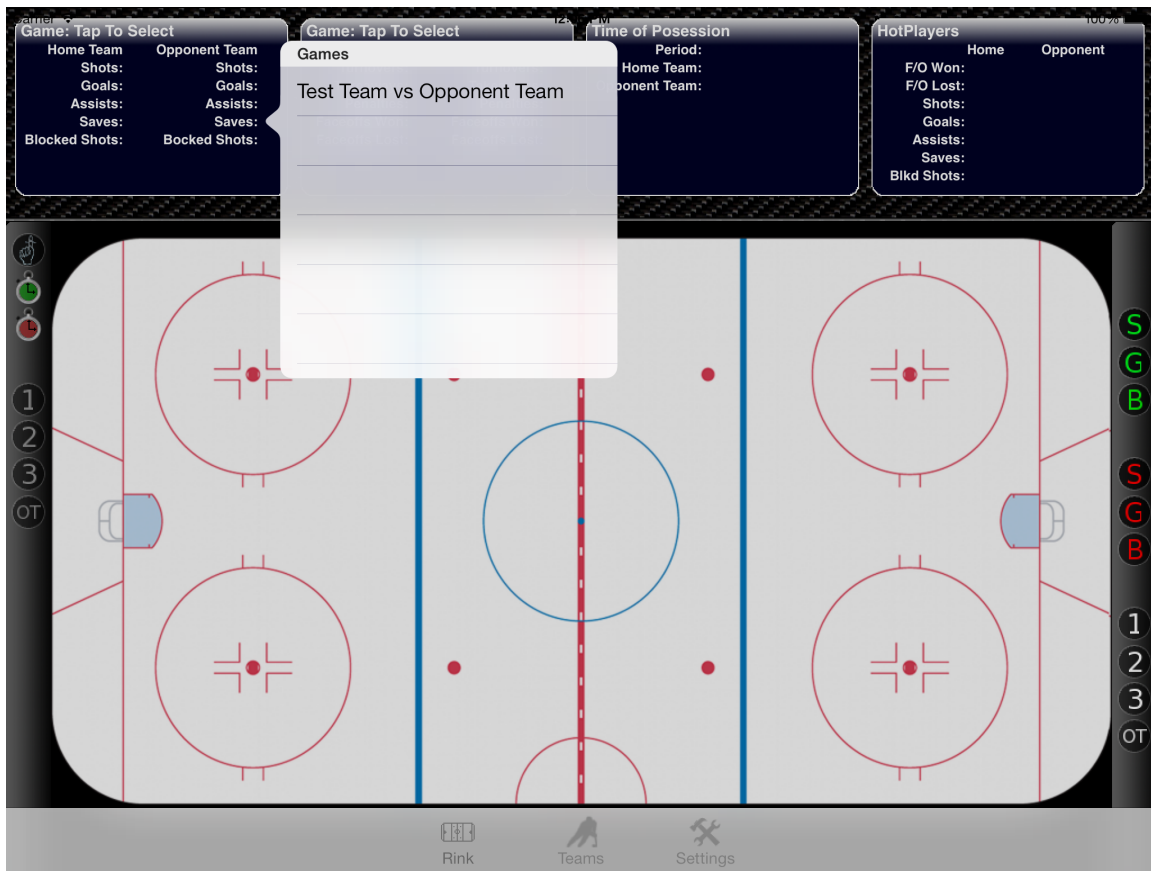
On this screen, select the game that you want to activate (again, as I only set up one game, I only have one to pick from).
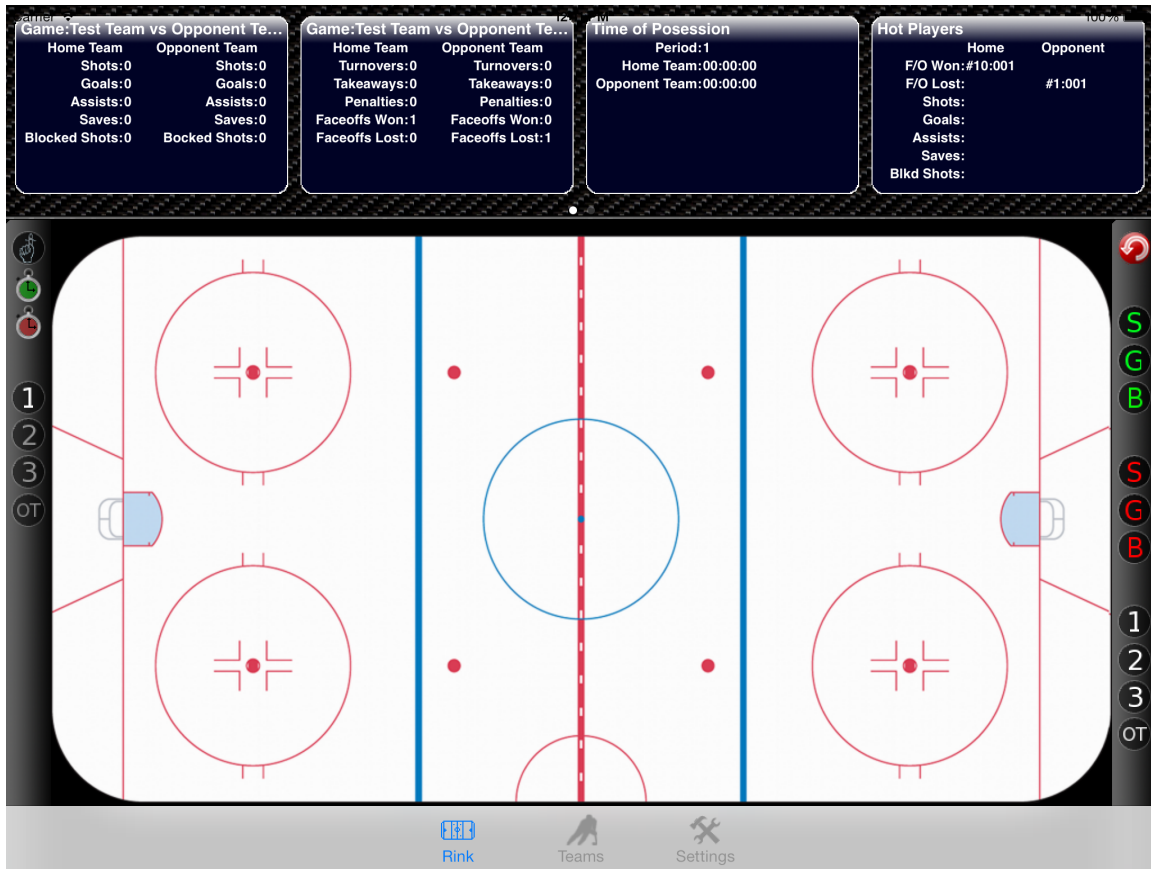
At this point you now have an active game to record stats. You can verify that a game is active by checking the title bar of the game portlet. If a game is selected, it will show the two teams that are playing in the selected game. In my case you see above "Test Team vs Opponent Team" as the title of the portlet. If a game is not active, it will say "Tap to select".

Portlets
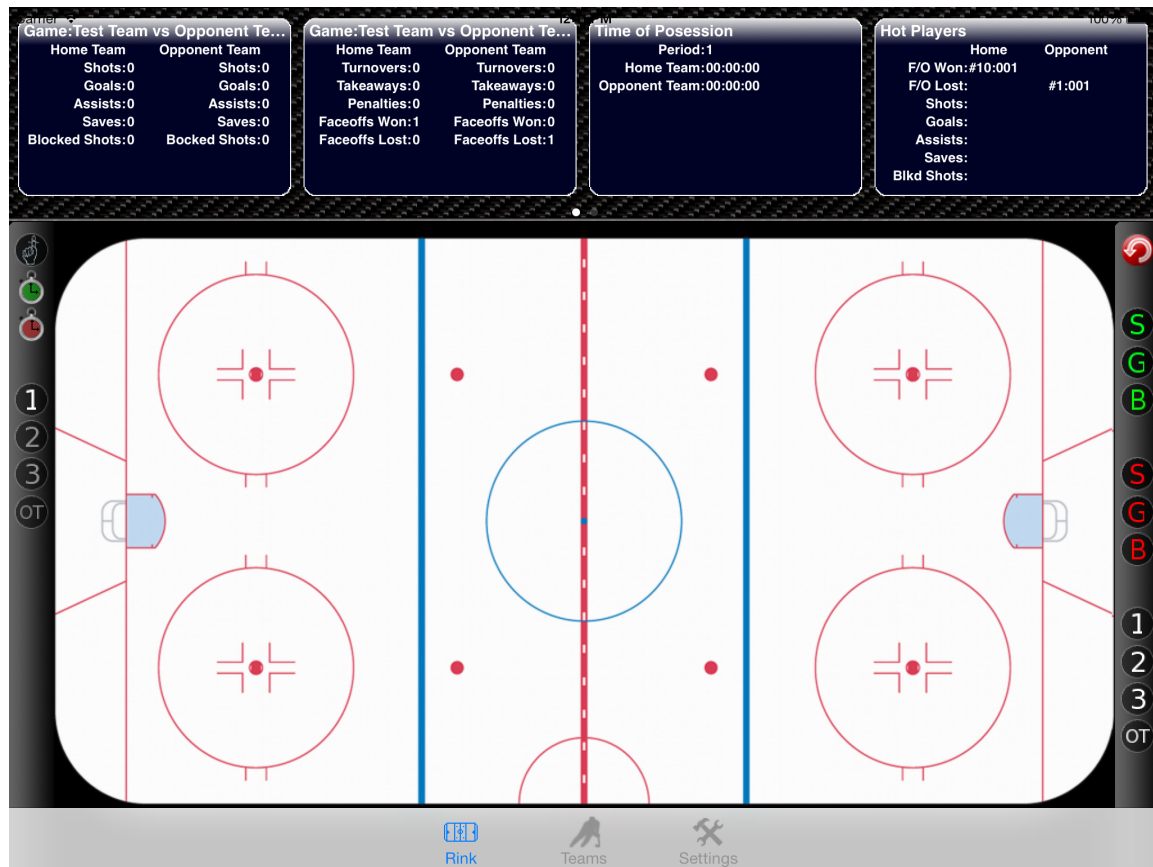
Now that we've activated a game, let's spend a few moments giving you the layout of the app. First, across the top you have a list of portlets. The portlets give you specific information (game stats, time of possession, hot players, team roster...) at a glance.

Currently there are two pages of portlets. You just need to swipe in the portlet area to move between the pages.

Moving on to the right button bar (just to the right of the field). Starting from the top, you have the following buttons:

- Undo (currently grayed out as no stats have been recorded for the selected game so there isn't anything to undo)
- Show Home Shots on the rink (light grey circle on the field)
- Show Home Goals on the rink (light blue circle on the field)
- Show Home Blocked Shots on the rink (dark grey circle on the field)
- Show Opponent Shots on the rink (grey triangle on the field)
- Show Opponent Goals on the rink (light blue triangle on the field)
- Show Opponent Blocked Shots on the rink (dark grey triangle on the field)
- Show Shots, Goals and Blocked Shots for the first period
- Show Shots, Goals and Blocked Shots for the second period

- Show Shots, Goals and Blocked Shots for the third period
- Show Shots, Goals and Blocked Shots for Overtime

I personally find myself leaving the shots, goals and blocked shots active for both teams but only showing the current period's data on the rink when I'm doing most of my data entry.

This allows me to see how the team is doing in the current period but you can always add the other periods by just activating those period buttons. Once you enter some shots and goals into the app, spend a little time experimenting to see what works for you.

On the left button bar, starting from the top, you have the following:

- Timer Reminder
  - This provides a visual indicator for the time of possession feature. I've found that in the heat of the game, I forget to hit the timer. To combat this, I added a button to allow you to turn on a visual indicator (a couple of them actually) to remind me to start/stop the timers. If you tap the reminder button, the screen will get a blue tint to it when the timer isn't running (see below)

  - It will get a green tint when the home timer is running

Home Team	Opponent Team
Shots:0	Shots:0
Goals:0	Goals:0
Assists:0	Assists:0
Saves:0	Saves:0
Blocked Shots:0	Bocked Shots:0

Game:Test Team vs Opponent Te...

Home Team	Opponent Team
Turnovers:0	Turnovers:0
Takeaways:0	Takeaways:0
Penalties:0	Penalties:0
Faceoffs Won:0	Faceoffs Won:0
Faceoffs Lost:0	Faceoffs Lost:0

Game:Test Team vs Opponent Te...

Time of Posession

Period:1
Home Team:00:00:01
Opponent Team:00:00:00

Hot Players

	Home	Opponent
F/O Won:		
F/O Lost:		
Shots:		
Goals:		
Assists:		
Saves:		
Blkd Shots:		

Rink   Teams   Settings

o   And a red tint when the opponent timer is running.
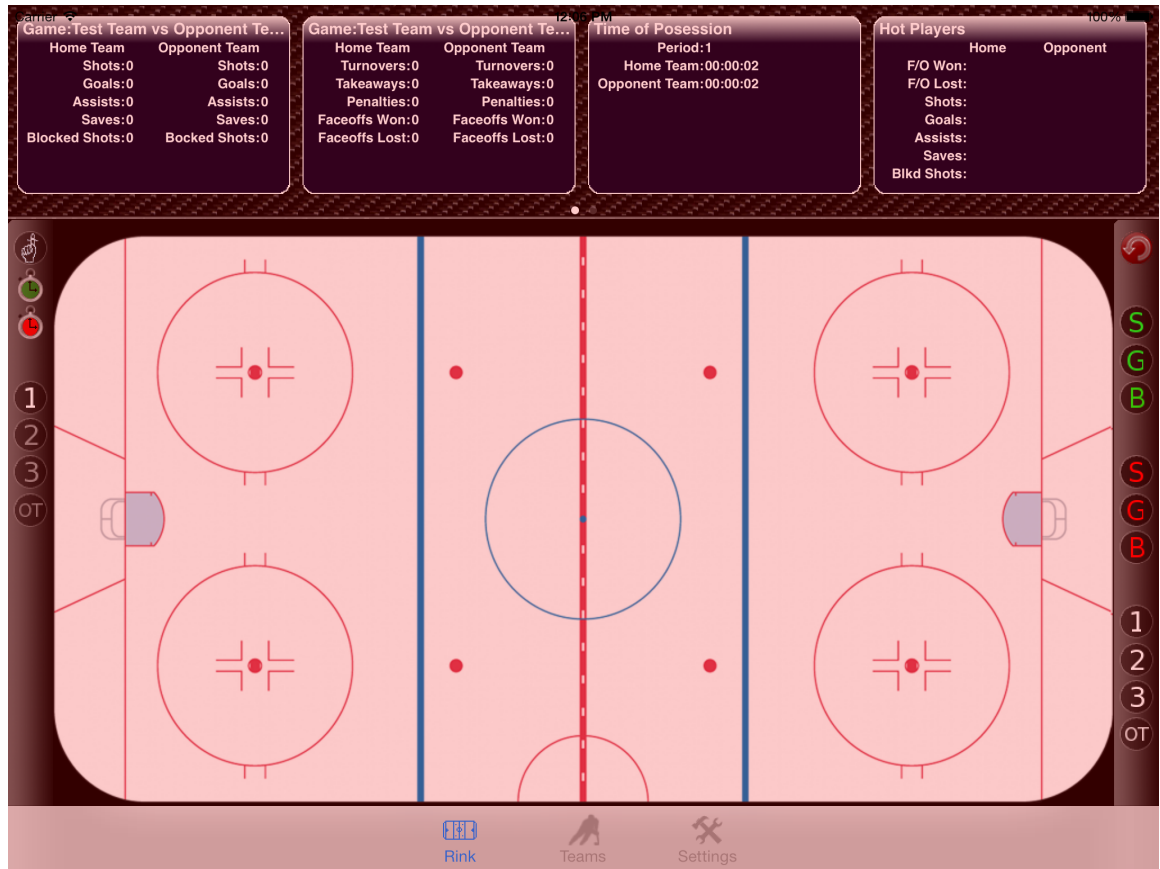
- o In addition, the timers flash every second to try and get your attention. All that said, you don't have to use this feature; it's up to you. If you don't turn this on then everything still works as expected, the screens just don't get the color tint to them.
- Home Team Time of Possession timer
- Opponent Team Time of Possession timer
- First Period indicator
- Second Period indicator
- Third Period indicator
- Overtime indicator

Unlike the period shots, all of the period indicators are mutually exclusive (so as you select a new period the previously selected quarter will automatically turn off).

Ok, that's the overview of the rink page. Let's move on to recording some stats.

Recording Stats
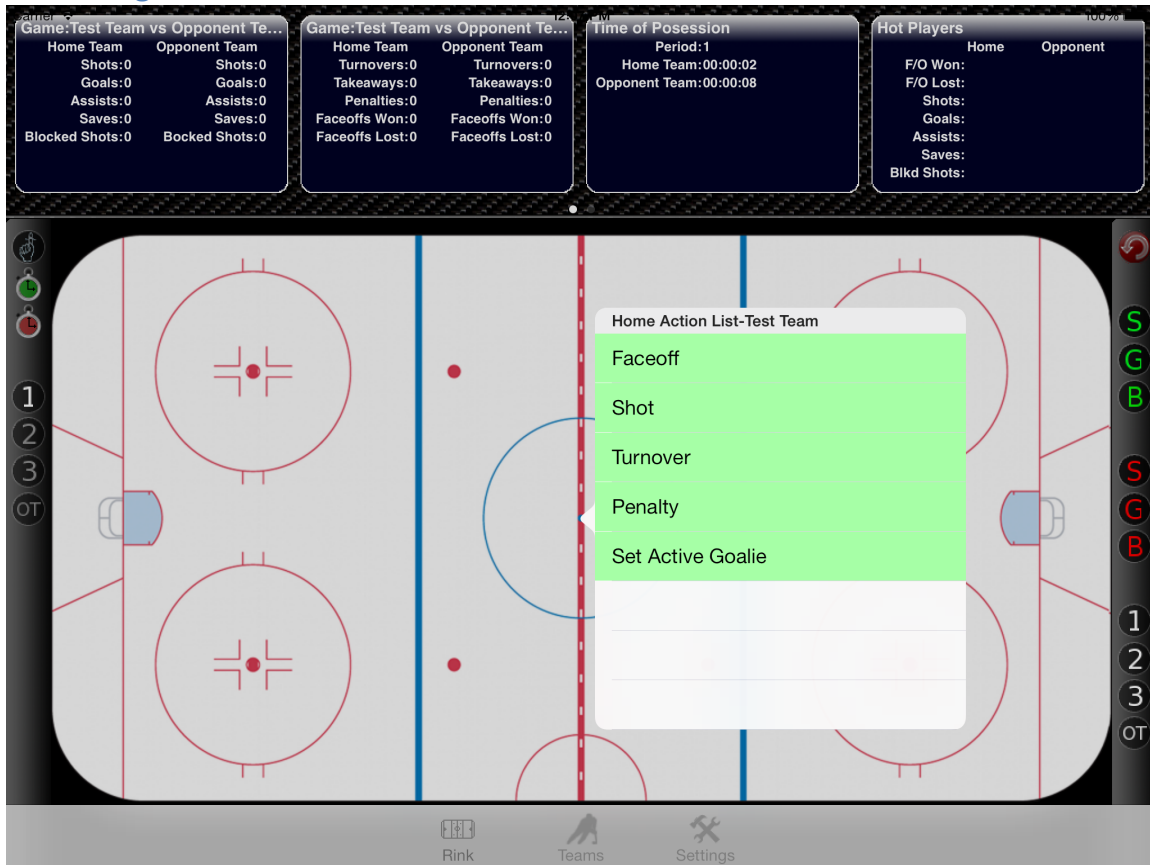
To record a stat, you simply need to single or double tap the screen at the point where the stat occurred on the field.   A single tap will record the stat for your team (the home team in all cases) and a double tap will record a stat for the opposing team.

Above you can see an example of recording a faceoff for the home team. In this case, I single tapped the screen at the Faceoff point to bring up the context sensitive menu that leads you through recording the desired stat. From this popup, I selected Faceoff to bring up the following screen.
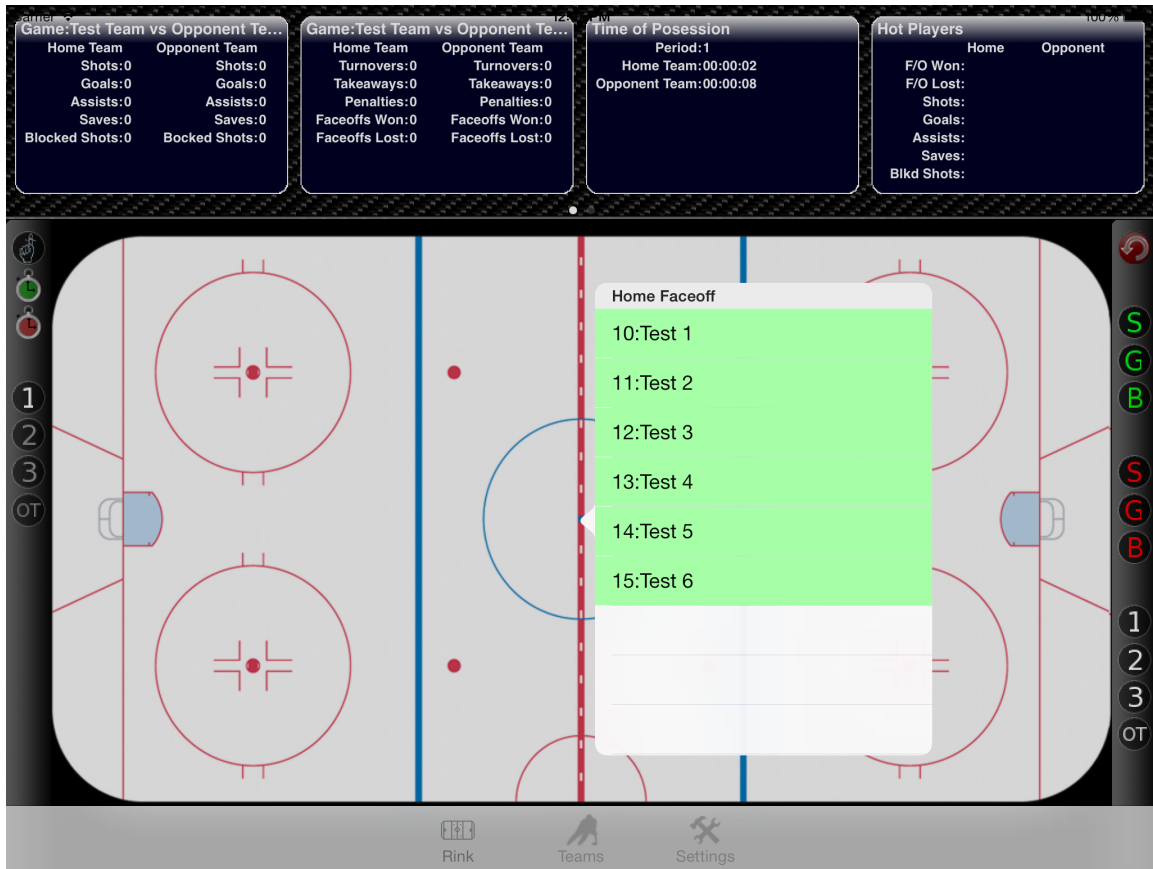
As I only have a few players loaded into my roster, the pulldown is populated with those I have entered (listed in numerical order). From here, select the player who took the face and it will bring you to the next screen.

Now, pick the player taking the face from the opposing team.

And last but not least, pick whether the home team won or lost the face. The tool will automatically register the compliment for the opposing player.

I typically will enter all the faceoff data and simply sit on this screen awaiting the outcome of the face. Once I know the result, I simply tap the right value and I'm ready for the next stat.
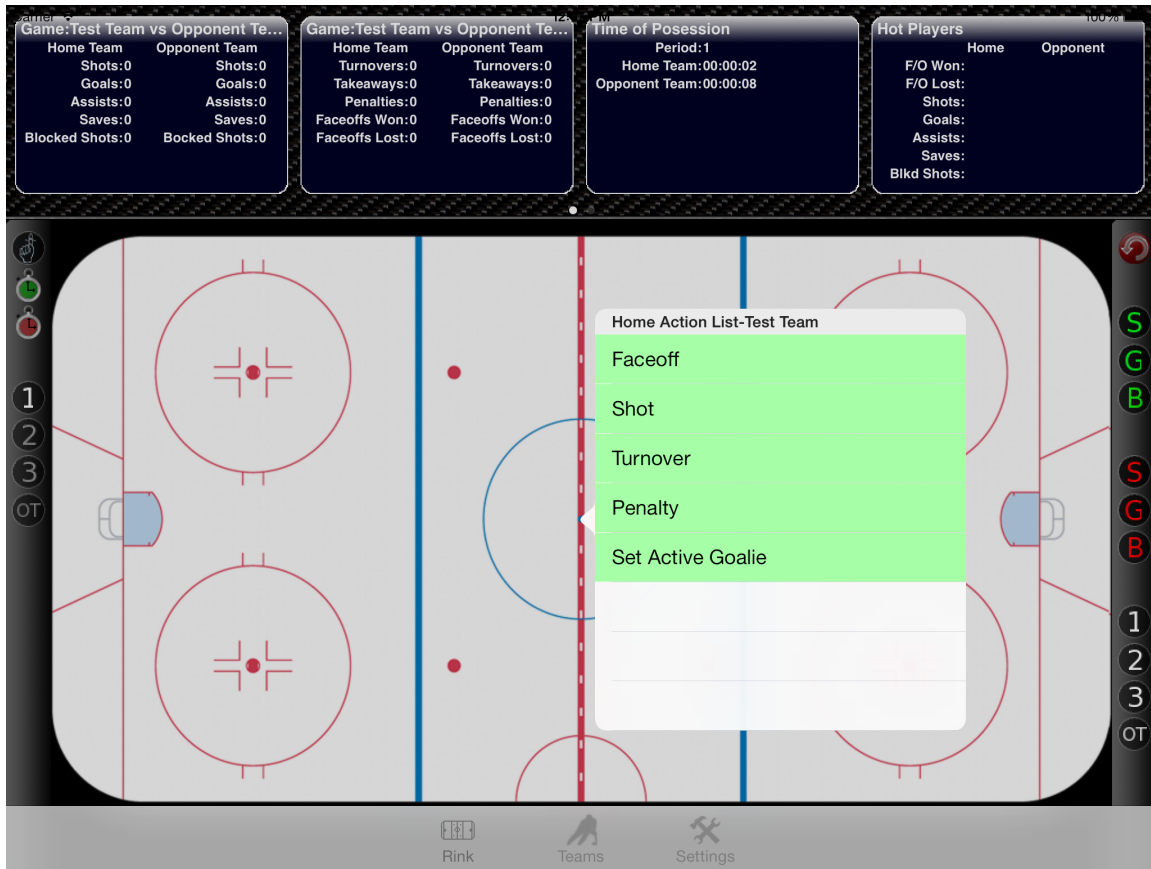
Take a moment to play around with the other stats. They all work basically the same way but should be context specific to the stat being recorded. As an example, a goal automatically records a shot, optionally lets you enter the first and second assist and records no save by the goalie (I'm really trying to cut down on the key strokes/taps to record a stat as the game is tough enough already to keep up with).

Undo a Stat (or a number of them…)

In the heat of the moment it's easy to get a stat wrong (wrong player, wrong penalty duration, wrong location for a shot…)

To let you easily deal with mistakes, the application keeps a list of all stats that you have entered since starting the application for the current session. To undo an errant stat, simply click on the undo button in the upper right corner of the button bar just below the portlets. This will bring up the list of the ten most recent stats (assuming there are ten to undo.)

From this list, simply tap the stat you want to undo and the app will automatically clear that stat from the database. If you have multiple to undo, just click the undo button again to bring up the stat list and select the other stat to remove.

Zooming
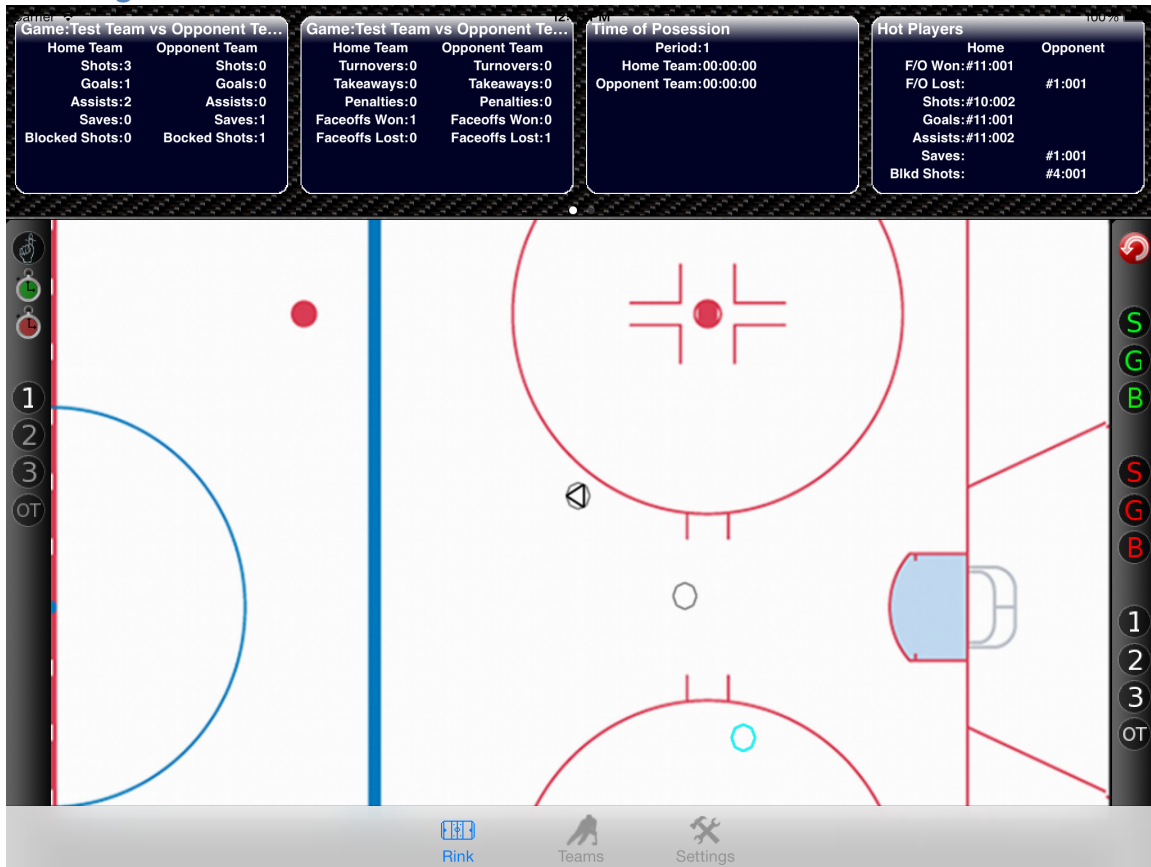
There are times when (in a busy game) there are a LOT of shots in front of the net. If the shots overlap too much to clearly see, you can zoom the app by using the familiar two finger spread motion on the field. To return to a full screen, use the opposing two finger pinch.

Game Details

The application provides you with tabular stat information for any game. To access the game detail information, just select the team tab at the bottom to bring up the team page shown below.

+   **Teams**   Edit

Test Team   ›

Rink   Teams   Settings
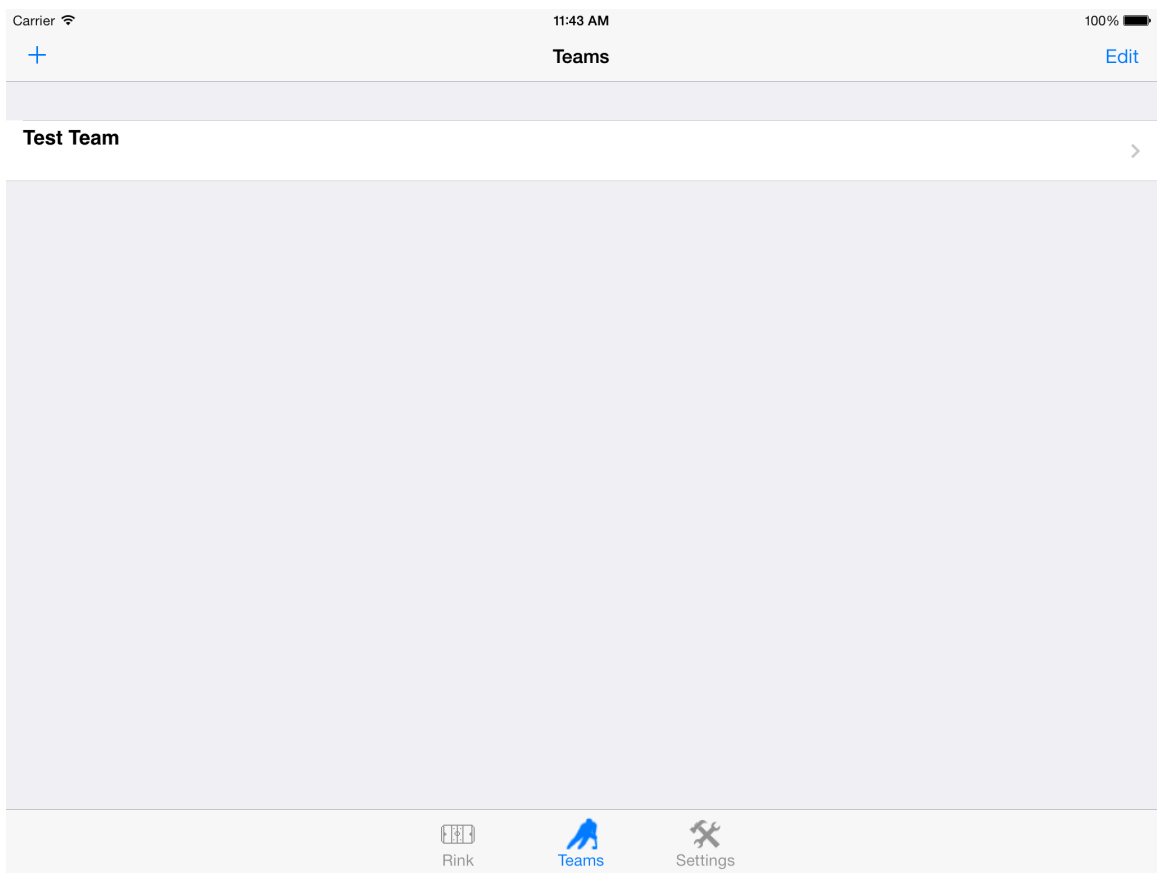
From here, select the team that you are interested in seeing the game details for.

Team Name | Test Team   Summary   Add   Edit

Team Players

#	10	Name: Test 1	Position: Goalie	Goalie: ●	Right Hand… ●	>
#	11	Name: Test 2	Position: Defense	Goalie: ○	Right Hand… ●	>
#	12	Name: Test 3	Position: Defense	Goalie: ○	Right Hand… ○	>
#	13	Name: Test 4	Position: Wing	Goalie: ○	Right Hand… ●	>

                                                       Add   Edit

Games Played

Test Team vs Opponent Team   >

Rink   Teams   Settings

On the team page, you have two options. You can see the season stats by clicking on the summary button at the top right. If you want to see the stats for a specific game, select the game you are interested in viewing.

Home Team Name: Test Team   Opponent Team Name: [Opponent Team]   Summary   Details   Export

Add   Edit

Home Team Players

Test 1
#10 : Goalie   Goalie: ⬤◯   Started Game: ⬤◯   ›

Test 2
#11 : Defense   Goalie: ◯   Started Game: ⬤◯   ›

Test 3
#12 : Defense   Goalie: ◯   Started Game: ⬤◯   ›

Test 4
#13 : Wing   Goalie: ◯   Started Game: ⬤◯   ›

Add   Edit

Opponent Team Players

Opponent Player 1
#1 : Goalie   Goalie: ⬤◯   Started Game: ⬤◯   ›

Opponent Player 2
#2 :   Goalie: ◯   Started Game: ⬤◯   ›

Opponent Player 3
#3 :   Goalie: ◯   Started Game: ⬤◯   ›

Opponent Player 4
#4 :   Goalie: ◯   Started Game: ⬤◯   ›

Rink   **Teams**   Settings

And finally, on the game you are interested in, select the game details button at the upper right of the page and you should see a screen like below but for our current team/game.

```
GAME SUMMARY
Test Team vs Opponent Team
Quarter              Home Team   Opponent Team
  1st Period
    Time of Posession: 00:00        00:00
    Goals Against:    00          01
    Saves:            00          01
    Shots:            03          00
    Goals:            01          00
    Assists:          02          00
    Turnovers:        00          00
    Takeaways:        00          00
    Penalties:        00          00
    PIM:              00          00
    Faceoffs Won:     01          00
    Faceoffs Lost:    00          01
  2nd Period
    Time of Posession: 00:00        00:00
    Goals Against:    00          00
    Saves:            00          00
    Shots:            00          00
    Goals:            00          00
    Assists:          00          00
    Turnovers:        00          00
    Takeaways:        00          00
    Penalties:        00          00
    PIM:              00          00
    Faceoffs Won:     00          00
    Faceoffs Lost:    00          00
  3rd Period
    Time of Posession: 00:00        00:00
    Goals Against:    00          00
    Saves:            00          00
    Shots:            00          00
    Goals:            00          00
```

Rink   Teams   Settings

This page provides both the summary information by period for each team in the game as well as the details for each player in context to the selected game (see below for an example of the player information).

```
PLAYER DETAIL
HOME PLAYERS
#10:Test 1
Started Game: Yes
Prd GA  Svs Shts Gls Assts Trnovrs Tkawys Pnlts PIM FWins FLoss
--- --- --- ---- --- ----- ------- ------ ----- --- ----- -----
GM  00  00  02   00  00     00      00     00    00  00    00
P1  00  00  02   00  00     00      00     00    00  00    00
P2  00  00  00   00  00     00      00     00    00  00    00
P3  00  00  00   00  00     00      00     00    00  00    00
OT  00  00  00   00  00     00      00     00    00  00    00
PG  00  00  00   00  00     00      00     00    00  00    00

#11:Test 2
Started Game: Yes
Prd GA  Svs Shts Gls Assts Trnovrs Tkawys Pnlts PIM FWins FLoss
--- --- --- ---- --- ----- ------- ------ ----- --- ----- -----
GM  00  00  01   01  02     00      00     00    00  01    00
P1  00  00  01   01  02     00      00     00    00  01    00
P2  00  00  00   00  00     00      00     00    00  00    00
P3  00  00  00   00  00     00      00     00    00  00    00
OT  00  00  00   00  00     00      00     00    00  00    00
PG  00  00  00   00  00     00      00     00    00  00    00

#12:Test 3
Started Game: Yes
Prd GA  Svs Shts Gls Assts Trnovrs Tkawys Pnlts PIM FWins FLoss
--- --- --- ---- --- ----- ------- ------ ----- --- ----- -----
GM  00  00  00   00  00     00      00     00    00  00    00
P1  00  00  00   00  00     00      00     00    00  00    00
P2  00  00  00   00  00     00      00     00    00  00    00
P3  00  00  00   00  00     00      00     00    00  00    00
OT  00  00  00   00  00     00      00     00    00  00    00
PG  00  00  00   00  00     00      00     00    00  00    00

#13:Test 4
```

Rink   Teams   Settings

Emailing Game Details

If you need to send the game information to someone (say a coach or parents), all you need to do is to click the Send Email button at the upper right part of the page.

Once selected, you should see a page like the one shown below. On this page you just need to enter the email addresses of the people you want to receive the game stats. The email they receive have a text attachment that will look just like the data you see on the screen above. Once you have entered the recipients, hit the send button at the upper right.
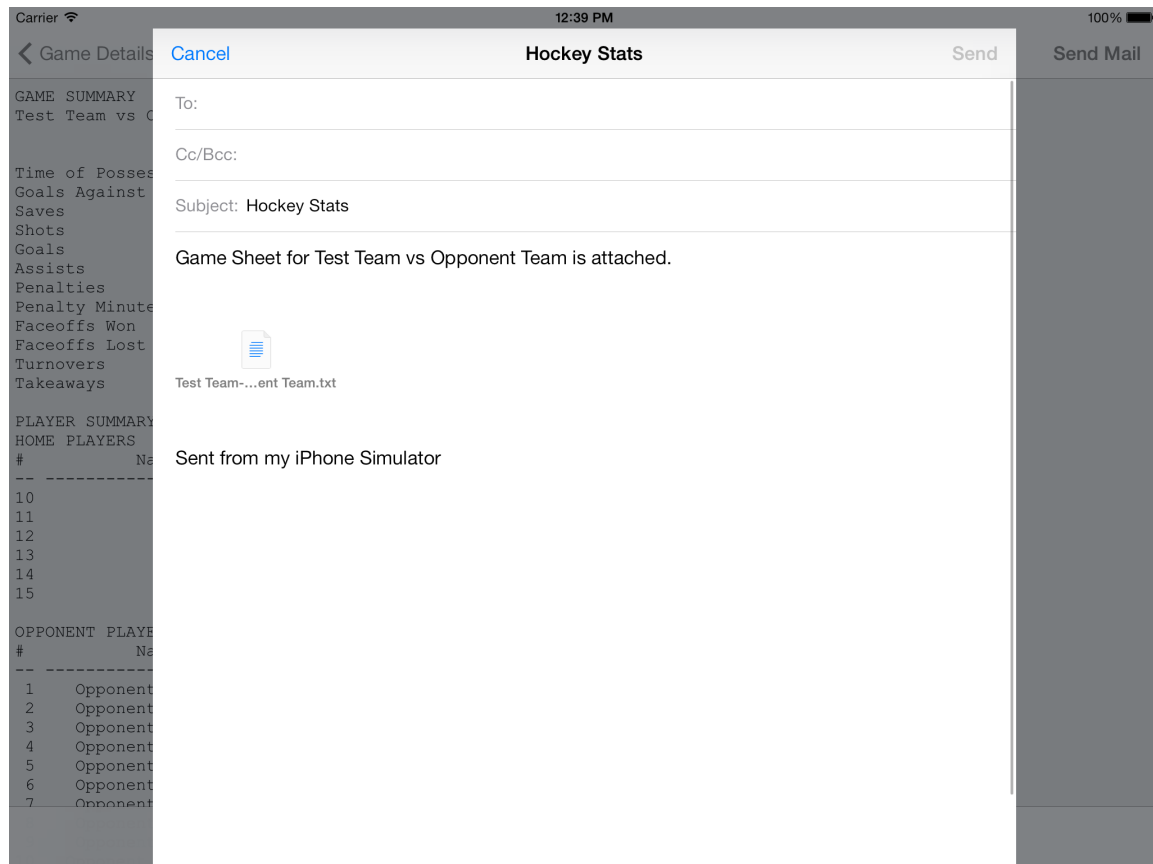
If everything goes as expected, you'll see a dialog that confirms the sending of the email message. If you do not have network access (or something goes wrong with the receiving email server), you will receive an error dialog that will describe the specific failure.

```
GAME SUMMARY
Test Team vs Opponent Team
                                    Home                              Away
                       P1    P2    P3    OT    PG    TOT      P1    P2    P3    OT    PG    TOT
Time of Possession    00:00 00:00 00:00 00:00       00:00   00:00 00:00 00:00 00:00       00:00
Goals Against          00    00    00    00    00    00      01    00    00    00    00    01
Saves                  00    00    00    00    00    00      01    00    00    00    00    01
Shots                  03    00    00    00    00    03      00    00    00    00    00    00
Goals                  01    00    00    00    00    01      00    00    00    00    00    00
Assists                02    00    00    00    00    02      00    00    00    00    00    00
Penalties              00    00    00    00    00    00      00    00    00    00    00    00
Penalty Minutes        00    00    00    00    00    00      00    00    00    00    00    00
Faceoffs Won           01    00    00    00    00    01      00    00    00    00    00    00
Faceoffs Lost          00    00    00    00    00    00      01    00    00    00    00    01
Turnovers              00    00    00    00    00    00      00    00    00    00    00    00
Takeaways              00    00    00                        00    00    00    00    00    00

PLAYER SUMMARY
HOME PLAYERS
#          Name        Strt GA  Svs Shts                              ss Trnovrs Tkawys
-- -------------------- ---- --- --- ----                             -- ------- ------
10               Test 1   X  00  00   02                          )    00    00
11               Test 2   X  00  00   01  01   02   00   00   01   00   00    00
12               Test 3   X  00  00   00  00   00   00   00   00   00   00    00
13               Test 4   X  00  00   00  00   00   00   00   00   00   00    00
14               Test 5   X  00  00   00  00   00   00   00   00   00   00    00
15               Test 6   X  00  00   00  00   00   00   00   00   00   00    00

OPPONENT PLAYERS
#          Name        Strt GA  Svs Shts Gls Assts Pnlts PIM FWins FLoss Trnovrs Tkawys
-- -------------------- ---- --- --- ---- --- ----- ----- --- ----- ----- ------- ------
 1    Opponent Player 1   X  01  01   00  00   00   00   00   00   01   00    00
 2    Opponent Player 2   X  00  00   00  00   00   00   00   00   00   00    00
 3    Opponent Player 3   X  00  00   00  00   00   00   00   00   00   00    00
 4    Opponent Player 4   X  00  00   00  00   00   00   00   00   00   00    00
 5    Opponent Player 5   X  00  00   00  00   00   00   00   00   00   00    00
 6    Opponent Player 6   X  00  00   00  00   00   00   00   00   00   00    00
 7    Opponent Player 7      00  00   00  00   00   00   00   00   00   00    00
```
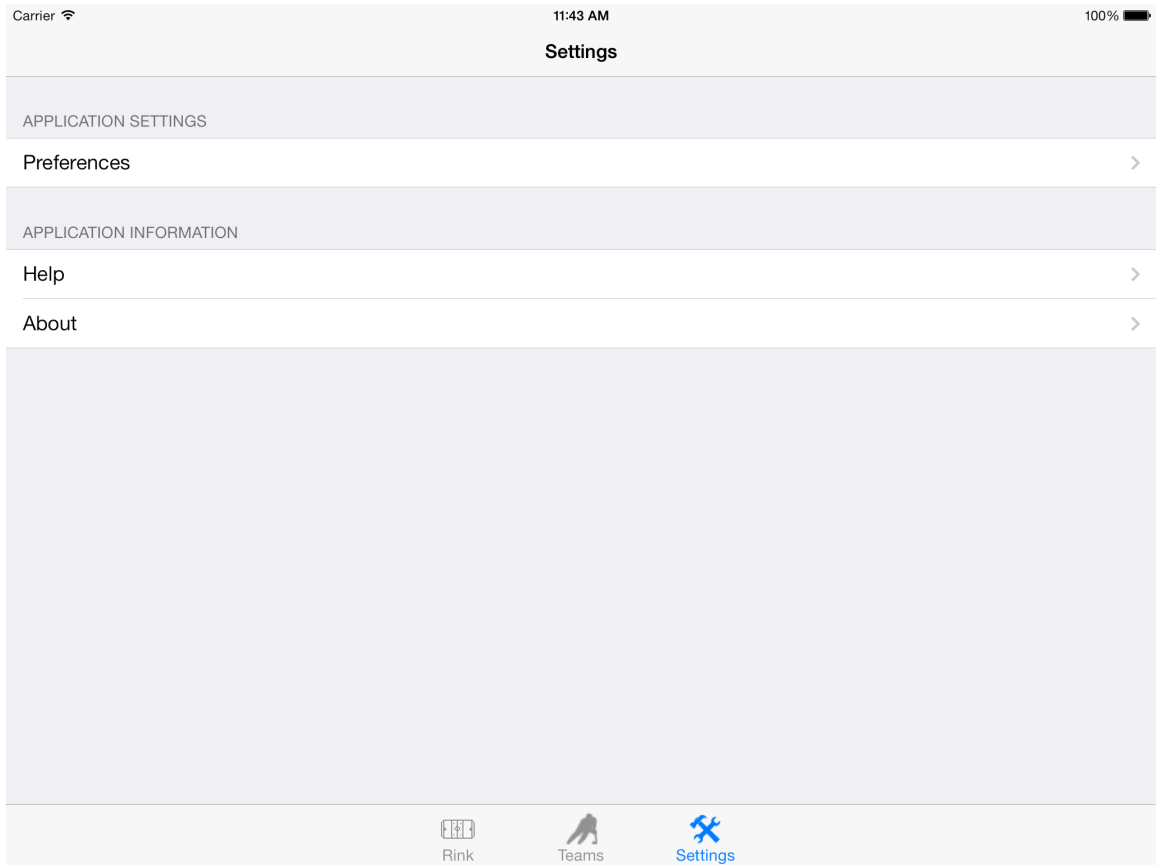
Sent

Email successfully sent

OK

Rink   Teams   Settings

Settings

Settings

APPLICATION SETTINGS

Preferences   ⟩

APPLICATION INFORMATION

Help   ⟩

About   ⟩

Rink   Teams   Settings
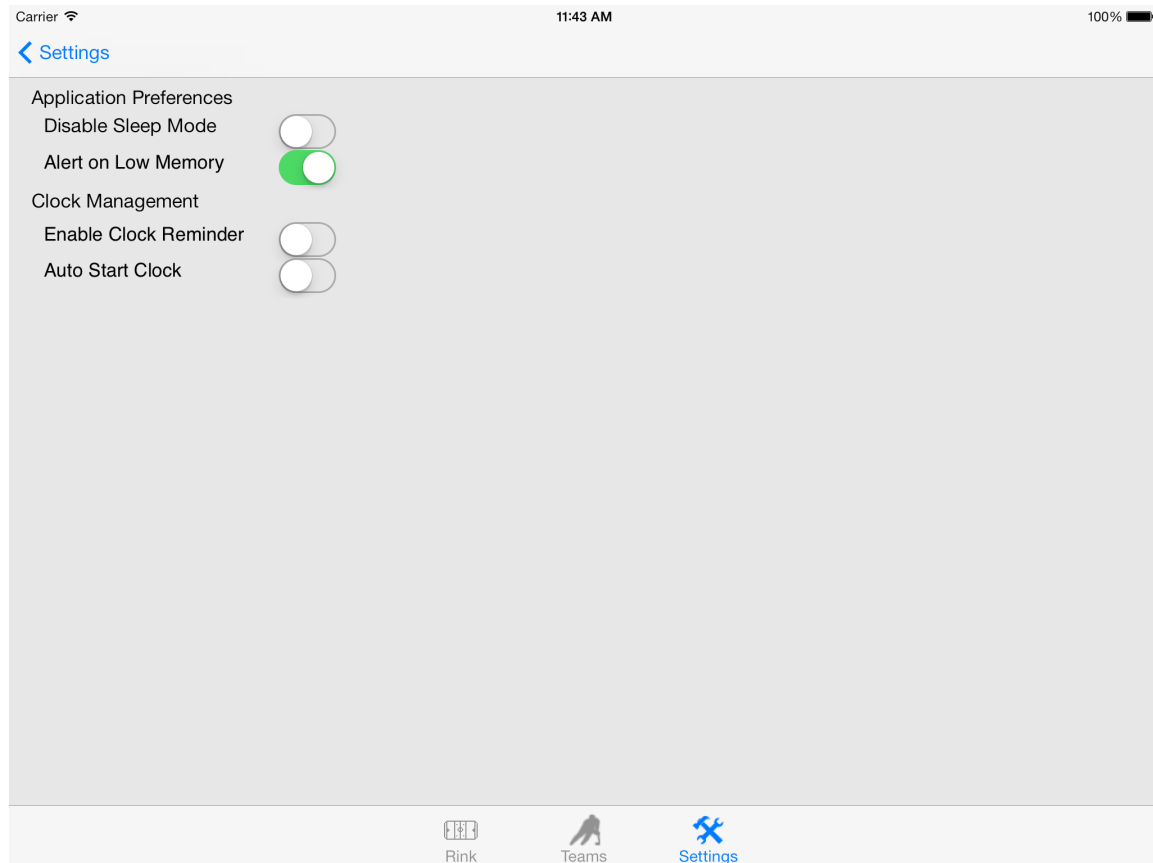
At this point the only item to really call out is the preferences pane. You can access it by touching the preferences cell in the table shown above.

Preferences

< Settings

Application Preferences

   Disable Sleep Mode   ◯

   Alert on Low Memory   🟢

Clock Management

   Enable Clock Reminder   ◯

   Auto Start Clock   ◯

                          Rink   Teams   Settings

On the preferences page you can toggle the following items:

- Disable Sleep Mode
    - If you don't want your iPad to go to sleep while you are keeping stats then turn on the Disable Sleep Mode toggle. This will keep the device from entering sleep when not in use which can be handy if you have a lock screen and have to unlock it every time.
- Alert on Low Memory
    - iOS devices run in a cooperative memory model. This means that the more apps you start up the more constrained the memory environment becomes. This can be problematic at times as the lack of memory can cause the running application to fail if it can't get sufficient memory when needed. To know when you're device is starting to run low on memory (so you can go into the task manager and close a bunch of the open stuff) you can toggle this item to on. When on, a dialog box will pop up to the user each time the operating system notifies the application that memory is becoming constrained.
- Enable Clock Reminder
    - When enabled, the clock reminder capability is automatically enabled for you on restart of the application.
- Auto Start Clock

- This preference when enabled tells the app to start the clock for you when you complete a data entry path that would result in the game clock being activated (like a faceoff).