



v2 Functional Specification

Vision Statement



For all Pro Football and Fantasy Football League Fans
Who want to play in a traditional Pro Football Office Pool
The uPick'em Football App Suite
Are Pro Football Sports applications
That compliment your Fantasy Football League
Unlike other Pro Football Office Pool applications
Our products are simply the best Pro Football Mobile Office
Pool applications in the App Stores

Functional Overview



uPick'em Football allows users to play in a traditional pro football office pool where users pick game winners and play against each other.

Players sign up to play in an office pool and select a Team they wish to play in. A Player can create a new Team or select to play in an existing Team. Players can invite other users to play in their Team. Players can play in multiple Teams.

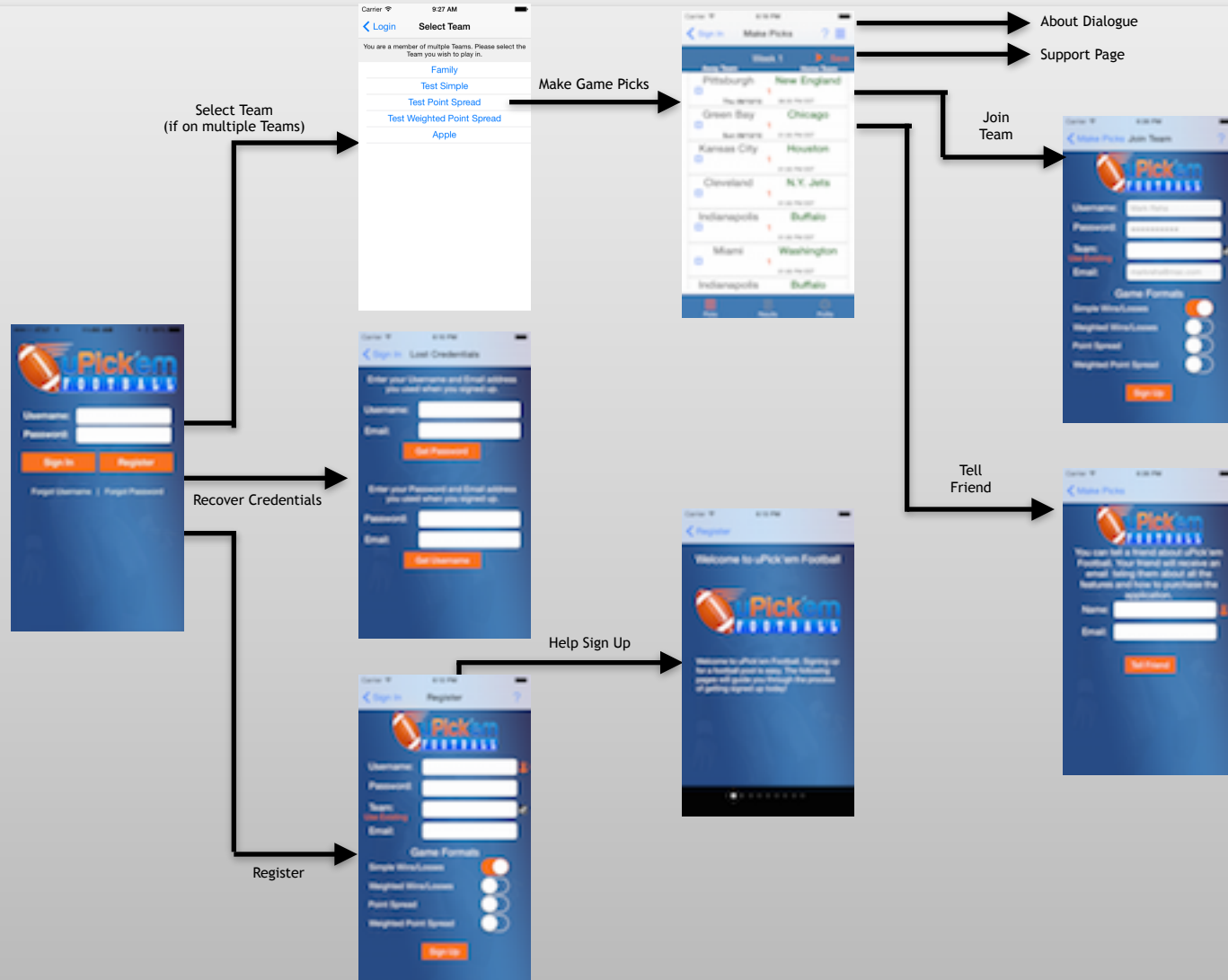
Players start by making Game Picks for each game in a week in an NFL Season. Players must buy a Season Pass for each NFL Season they wish to play in. Players make Game Picks by simply tapping the desired team they believe will win a game.

Once all Games have finished, a Player can review their own Game Picks or view results for all Players in their Team to determine how they did playing against Players in their Team. If Players have bought the Pro Version a Player can also display graphical Game Charts and Game Statistics for any desired game.

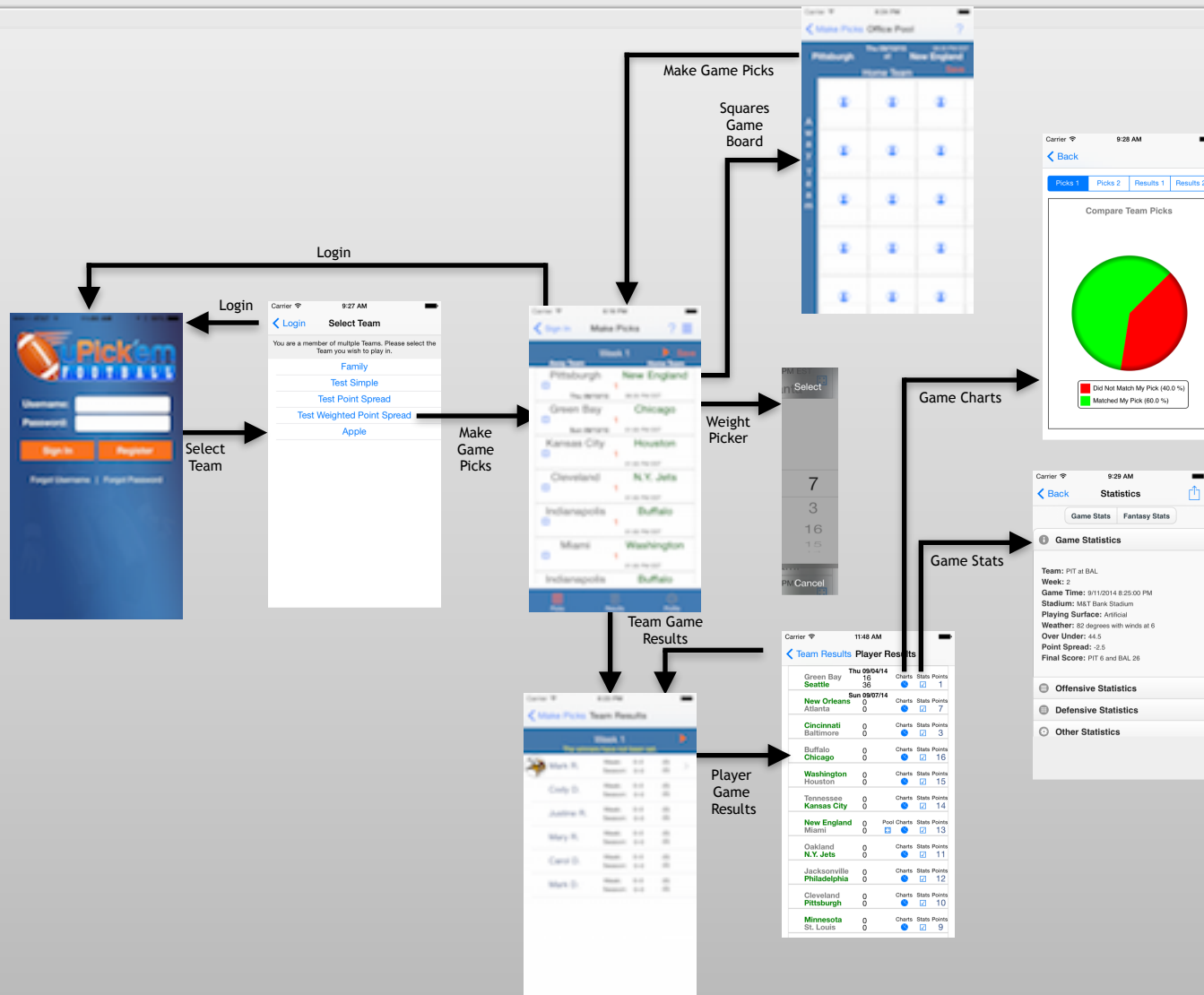
Navigation Map 1 of 4



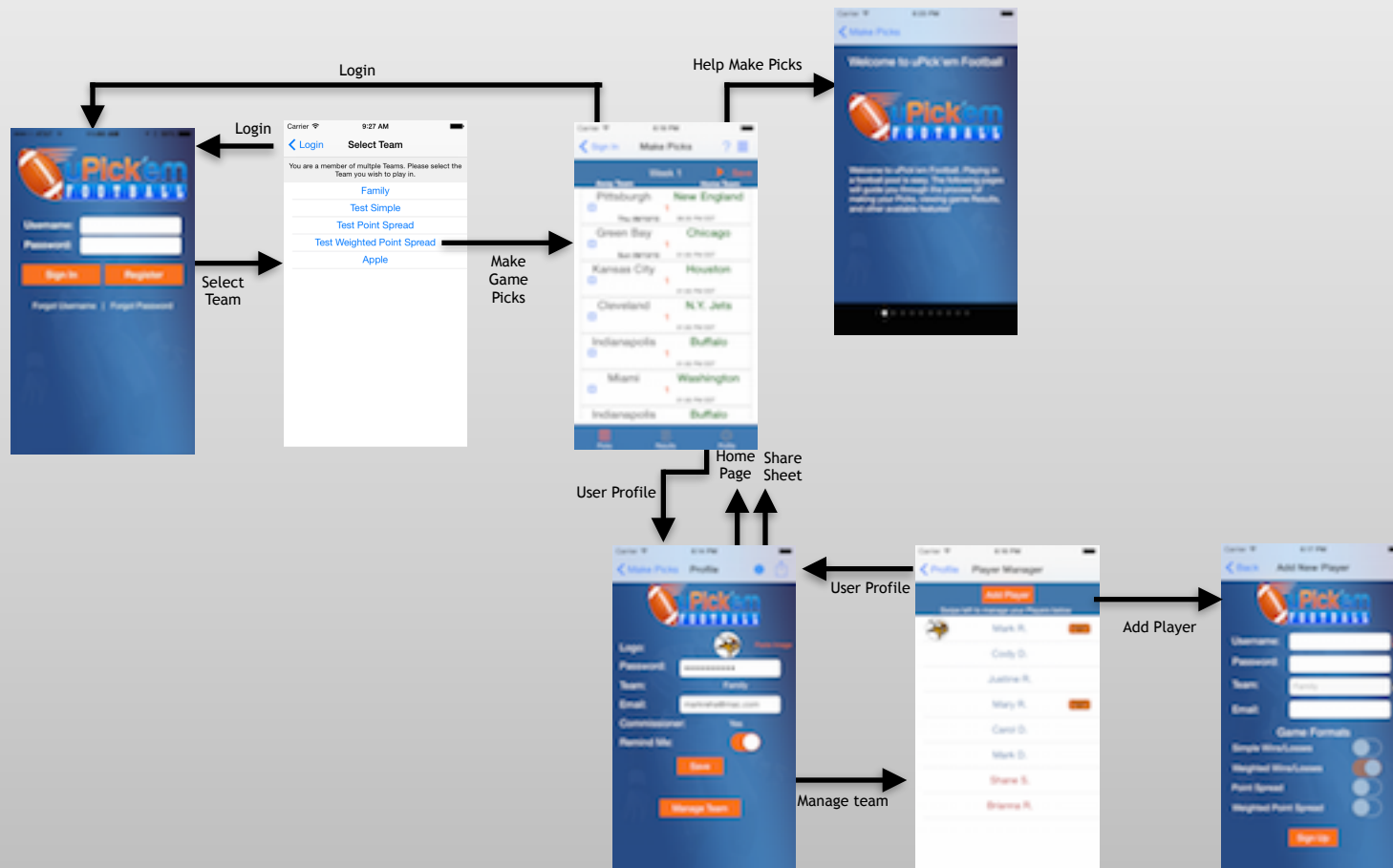
Navigation Map 2 of 4



Navigation Map 3 of 4



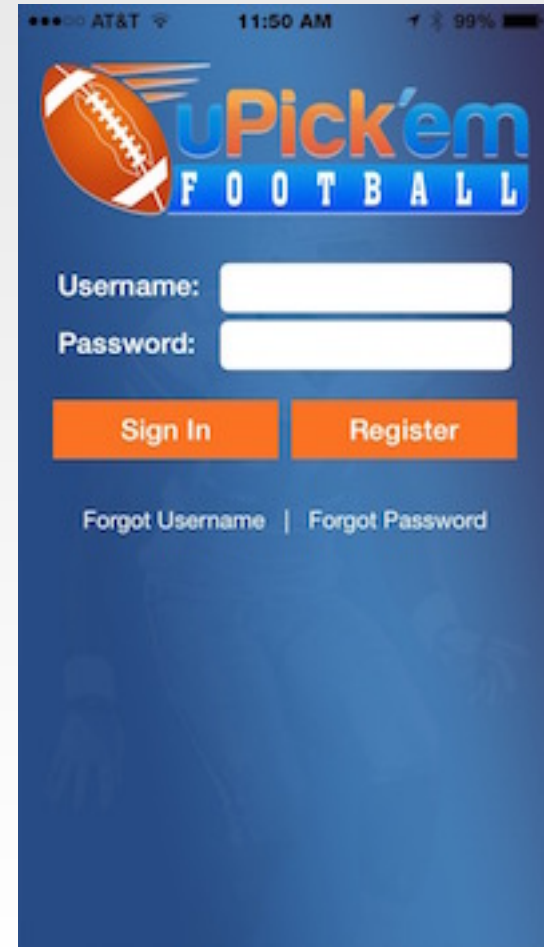
Navigation Map 4 of 4



Login Screen

v2.0

- Access the application by entering username and password and tapping the Login Button.
- Access the Sign Up screen by tapping the Sign Up button.
- Last entered username and password are saved so the user does not have remember them.
- Displays application logo, version, and copyright.



Register Screen

v2.0

- Sign Up requires a username, password, a team, and valid email address. A username can be 2 words.
- A username and email address can be populated from your Contacts.
- You can select an existing team or create a new team by tapping the Use Existing button.
- To view the existing players in a team tap the Check button.
- There are 4 available game formats. All players with in a team must use the same game format.
- There are 2 Help Systems. A quick help overlay is displayed by tapping the Help button. A full help system is displayed by tapping the ? button.
- To sign up fill out all the required fields and tap the Sign Up button.

The screenshot shows the 'Register' screen of the 'uPick'em FOOTBALL' app. At the top, the status bar shows 'Carrier', signal strength, '6:34 PM', and battery level. Below the status bar, there are navigation links: '< Sign In', 'Register', and a help icon '?'. The app logo 'uPick'em FOOTBALL' is displayed, featuring a football icon. The registration form includes the following fields and options:

- Username:** A text input field with a user icon to its right.
- Password:** A text input field.
- Team:** A text input field with a checkmark icon to its right. Below this field is the text 'Use Existing' in orange.
- Email:** A text input field.
- Game Formats:** A section with four toggle switches:
 - Simple Wins/Losses: Toggled ON (orange).
 - Weighted Wins/Losses: Toggled OFF (white).
 - Point Spread: Toggled OFF (white).
 - Weighted Point Spread: Toggled OFF (white).
- Sign Up:** An orange button at the bottom right.

Help System Screens

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- There is a Help System in the Sign Up screen.
- There is a Help System in the Make Picks screen.
- The Sign Up Help System displays a series of help pages that provides detailed information on how to sign up. You display different pages by swiping left and right.
- The Make Picks Help System displays a series of help pages that provides detailed information on play in game. You display different pages by swiping left and right.



Lost Credentials Screen

v2.0

- This screen allows you to retrieve a forgotten username or password.
- To retrieve a forgotten password you must enter the username and email address when you registered. Once the correct username and email address is entered the password is emailed to the user.
- To retrieve a forgotten username you must enter the password and email address when you registered. Once the correct password and email address is entered the username is emailed to the user.

AT&T 3:16 PM 100%

[Sign In](#) **Lost Credentials**

Enter your Username and Email address you used when you signed up.

Username:

Email:

Get Password

Enter your Password and Email address you used when you signed up.

Password:

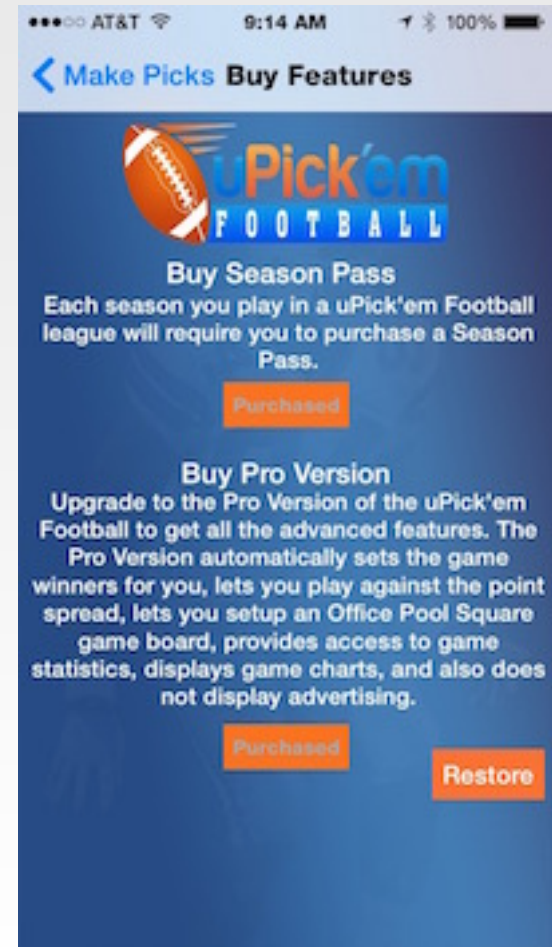
Email:

Get Username

Buy Season Pass Screen

v2.0

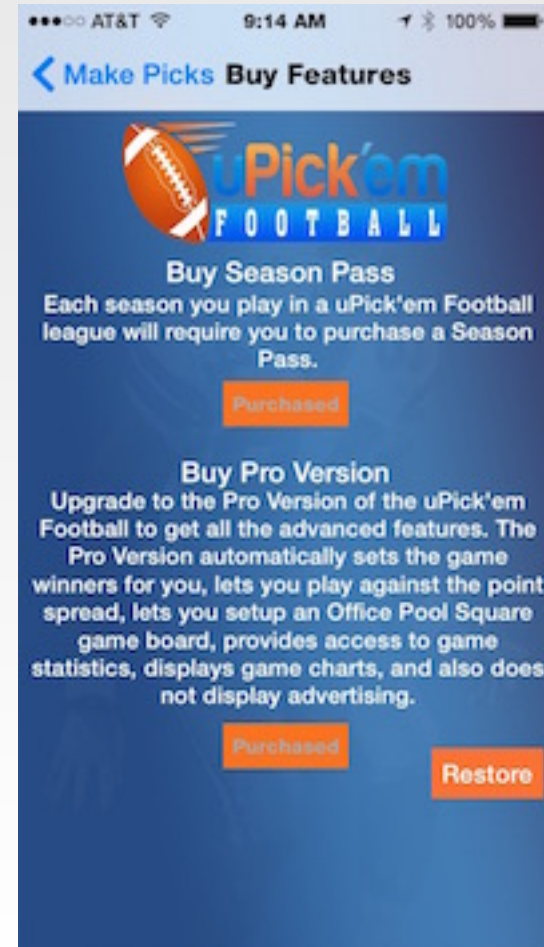
- Displayed as first screen if the player has not purchased a Season Pass to play in a season.
- If you have not purchased a Season Pass you will be notified when the Make Picks screen starts up.
- This In-App purchase is valid for a single NFL Season.
- Tapping on the Buy Season will display the In-App Purchase screen.



In-App Purchase Screen

v2.0

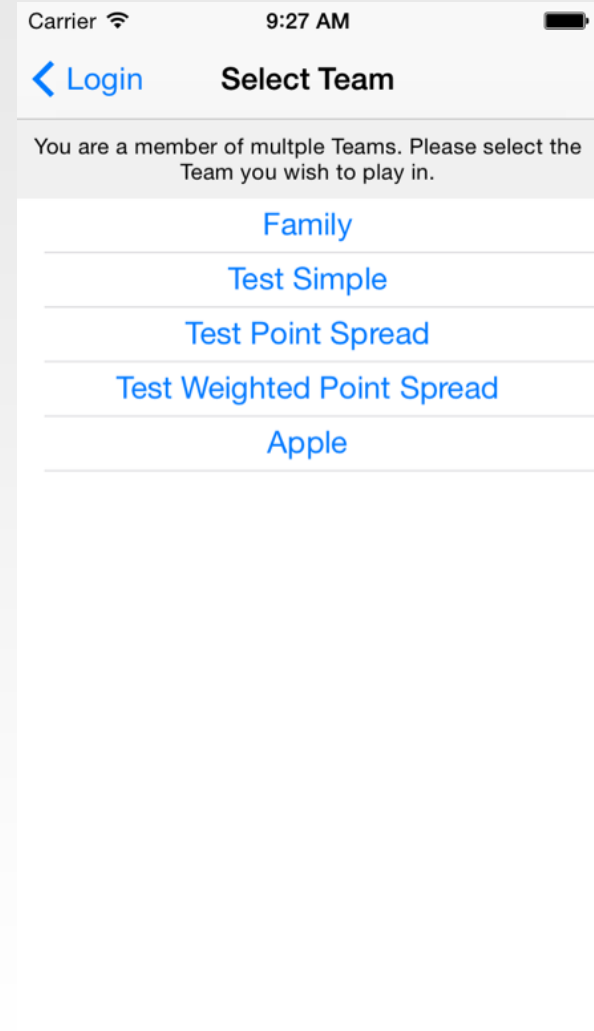
- This screen is displayed if you tap on the Buy Season Pass button or tap on the Buy Pro Version button from your User Profile.
- The Season Pass is valid for a single NFL Season (provides a reoccurring revenue stream).
- The Pro Version is a one time purchase and provides a number of additional features. If a user does not purchase the Pro Version they also get banner ads displayed on a number of screens.



Select Team Screen

v2.0

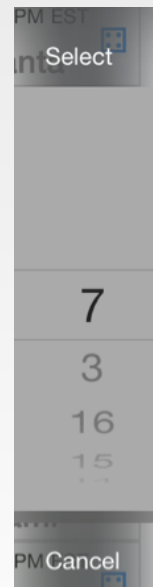
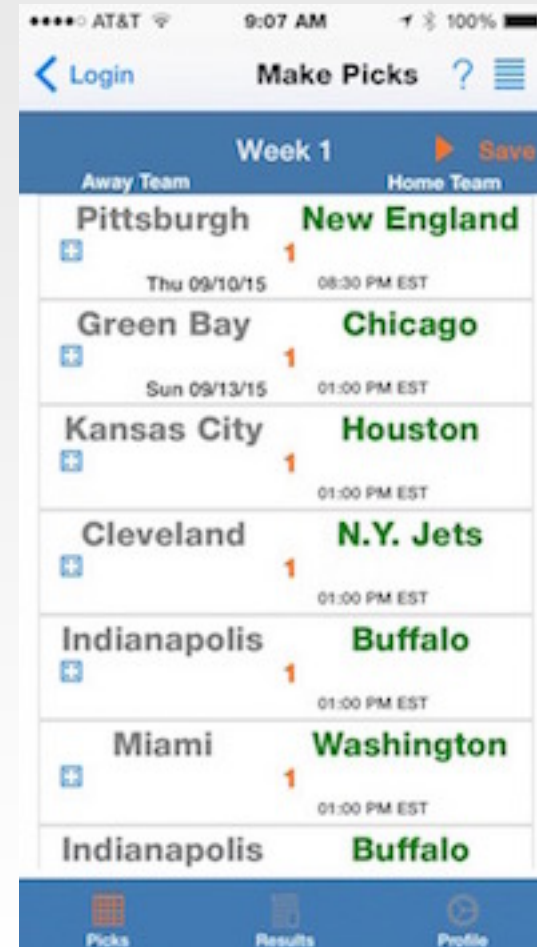
- A player can sign up to play in multiple teams. When you sign up you need to use the same username, password, and email address.
- If you are signed up in multiple teams you will be presented with a screen to select the team you wish to play in.
- This screen is selected once you tap the Login button.
- This screen is only displayed if you are a player in more than one team.



Make Picks Screen

v2.0

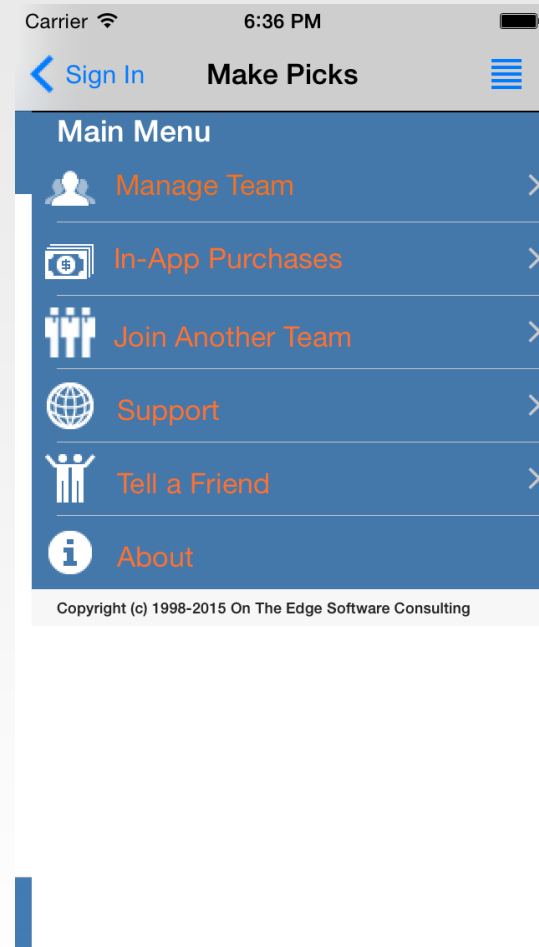
- This screen displays all the games for a desired week of the season and allows the user to make their game picks.
- The games are displayed using the Home Team, Away Team, and ordered by the Game Start Time (which is always EST).
- If you have a weighted game format then tapping the weight number displays a weight picker which is overlaid on the screen.
- If you have a point spread game format then the point spread is displayed to the right of the team that is favored.
- Selecting a game winner is done by tapping the team name which is displayed in green. To save your picks tap the Save button.
- Navigate to the week by tapping the left and right Arrow button.
- To display the Help System tap the ? button.
- To display the Main Menu tap the menu button.
- Setting up a Office Pool Squares game board is done by tapping the square icon next to the game.



Main Menu

v2.0

- The Main Menu is accessible from the Make Picks screen by tapping the Menu icon.
- The Main Menu contains commonly used functions:
 - Application Version
 - Tell A Friend
 - Support Home Page
 - Join Another Team
 - In-App Purchase Screen
 - Team Manager Screen



Squares Game Board Screen

v2.0

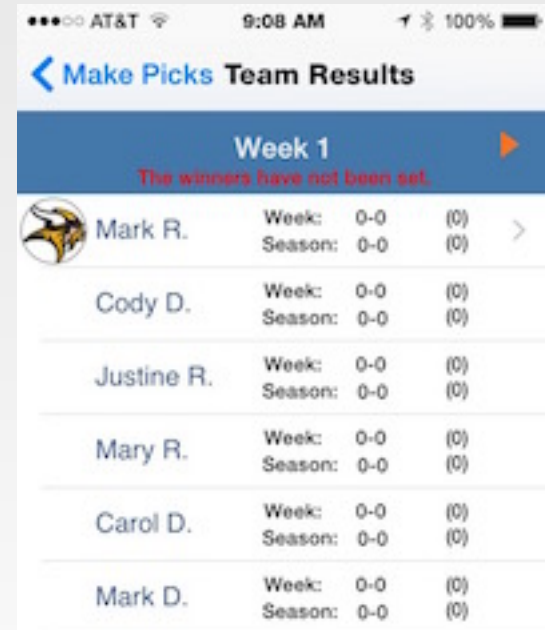
- A traditional 10x10 office pool squares game board. You navigate the game board by swiping up and down. The game board will scroll up and down.
- You enter your name in any desired square.
- Once the game has started the game board will populate random numbers from 0-9 across the X and Y axis.
- Once the game has finished the scores from quarter 1, 2, 3, 4 and the final score are used to highlight which square is a winner.
- Feature only available if you buy the Pro Version.



Team Results Screen

v2.0

- Displays a list of all players with their logo on your team.
- Displays weeks record and season record. If you playing the weighted game the total points are displayed,
- If the games are not over you cannot see other players picks.
- Tapping your name will display the Game Picks screen and results for that week.
- Navigate to the week by tapping the left and right Arrow button.
- You can Poke a message to a friend by swiping left on a player.



Game Results Screen

v2.0

- Displays game winners and winners of your picks.
- If weighted game format displays points awarded for that game if you picked the winner.
- The games are displayed using the Home Team, Away Team, and ordered by the Game Start Time (which is always EST).
- Displays Game Charts. Feature only available if you buy the Pro Version.
- Displays Game Statistics. Feature only available if you buy the Pro Version.

Carrier 11:48 AM

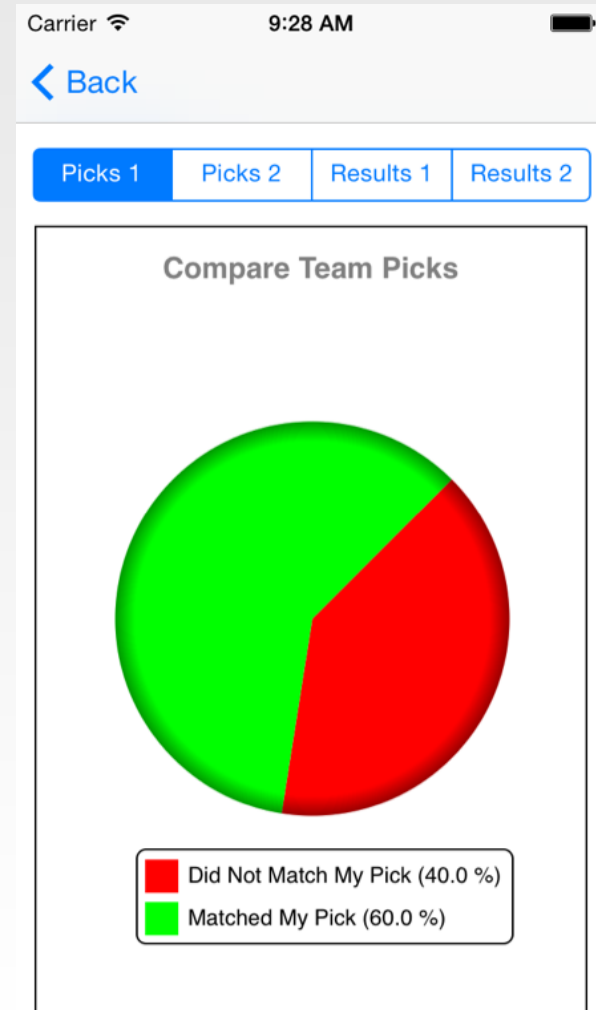
< Team Results Player Results

Thu 09/04/14		Charts	Stats	Points
Green Bay	16			
Seattle	36		☒	1
Sun 09/07/14		Charts	Stats	Points
New Orleans	0			
Atlanta	0		☒	7
Cincinnati	0	Charts	Stats	Points
Baltimore	0		☒	3
Buffalo	0	Charts	Stats	Points
Chicago	0		☒	16
Washington	0	Charts	Stats	Points
Houston	0		☒	15
Tennessee	0	Charts	Stats	Points
Kansas City	0		☒	14
New England	0	Pool Charts	Stats	Points
Miami	0		☒	13
Oakland	0	Charts	Stats	Points
N.Y. Jets	0		☒	11
Jacksonville	0	Charts	Stats	Points
Philadelphia	0		☒	12
Cleveland	0	Charts	Stats	Points
Pittsburgh	0		☒	10
Minnesota	0	Charts	Stats	Points
St. Louis	0		☒	9

Game Charts Screen

v2.0

- Displays Game Charts showing how your picks and results compared to your team and all teams.
- Game Charts:
 1. Compare Team Picks
 2. Compare All Teams Picks
 3. Compare Team Results
 4. Compare All Teams Results
- Feature only available if you buy the Pro Version.



Game Statistics Screen

v2.0

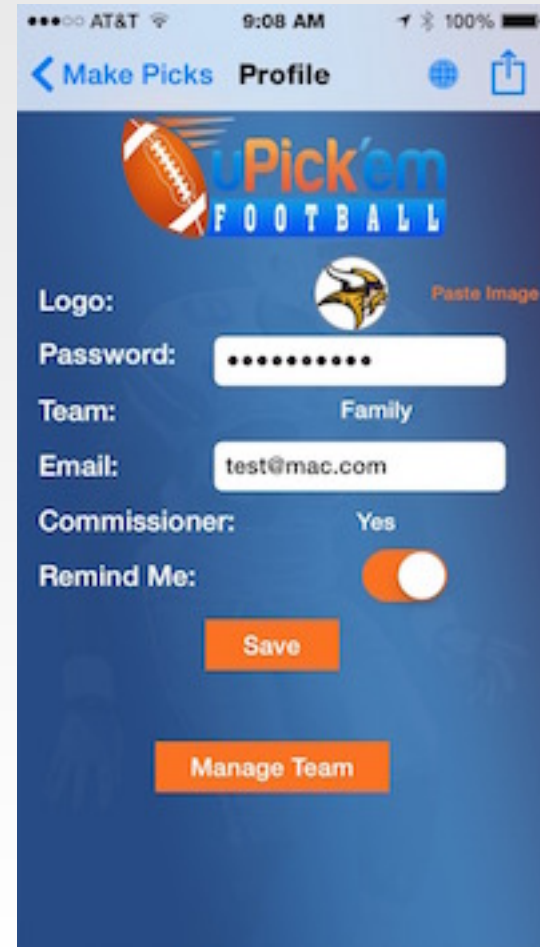
- Displays Game Statistics from the FantasyData Football Statistics Service.
- Displays overall Game statistics, offensive statistics, defensive statistics, and other (special teams etc.) statistics.
- Displays Fantasy Game Statistics from the FantasyData Football Statistics Service
- This is a HTML page rendered within the screen using jQuery Mobile and can be customized with a different layout using an XSLT stylesheet.
- Feature only available if you buy the Pro Version.



User Profile Screen

v2.0

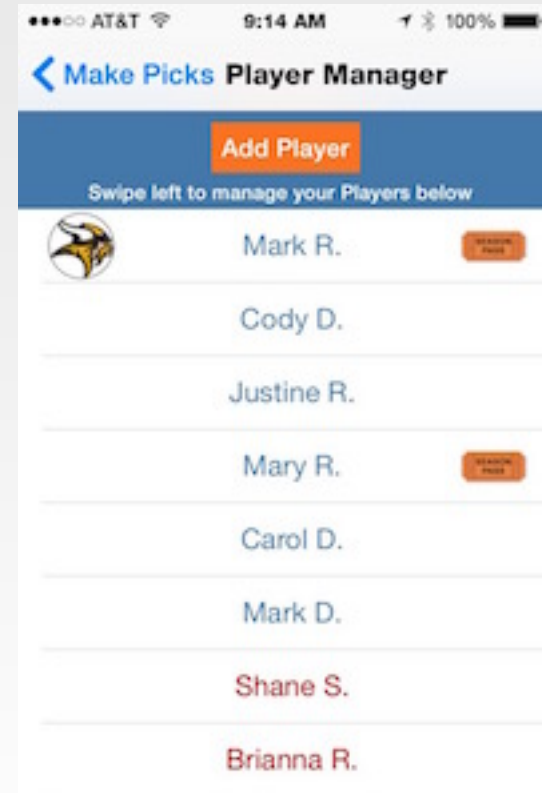
- Displays a users sign up information.
- From this screen you can change your logo, password, email address, and enable game reminders which adds game reminders to the Reminders application. There is also an indicator if you are the Commissioner of your team.
- Tapping the Globe icon takes you to the uPick'em Home Page, which has a customer support page.
- Tapping the Share icon brings up the standard iOS Sharesheet which allows you to invite your friends to play using iMessage, Email, Facebook, etc.
- Tapping the Save icon saves your User Profile.
- Tapping the Manage Team button (if you are the Commissioner of your team) will take you to the Manage Team screen.



Team Manager Screen

v2.0

- This screen is only accessible if you are the Commissioner of your team.
- This screen allows you to add a new player to your team.
- This screen allows you to hide a player from your Team Results and also you to resend in invitation.
- This screen allows you to determine who has purchased a Season Pass.



Add New Player Screen

v2.0

- This screen is only accessible if you are the Commissioner of your team.
- This screen is accessible from the Team Manager screen.
- This screen pre-populates the Team name and the Game Format with the settings from your Team.
- The username and email address can be populated from your Contacts.

The screenshot shows the 'Add New Player' screen of the uPick'em FOOTBALL app. At the top, the status bar shows 'Carrier', signal strength, '6:37 PM', and battery level. Below the status bar is a navigation bar with a blue '< Back' button and the title 'Add New Player'. The main content area has a dark blue background with the uPick'em FOOTBALL logo at the top. Below the logo are four input fields: 'Username:' with a person icon, 'Password:', 'Team:' with 'Family' selected and a checkmark icon, and 'Email:'. Below these fields is a section titled 'Game Formats' with four toggle switches: 'Simple Wins/Losses' (off), 'Weighted Wins/Losses' (on), 'Point Spread' (off), and 'Weighted Point Spread' (off). At the bottom right is an orange 'Sign Up' button.

Non Functional Requirements

v2.0

- Built using modern technologies.
 - Java, Objective-C
 - Eclipse, Xcode
 - Spring, iOS SDK
- Built using scalable Cloud technologies.
 - Tomcat, MySQL
 - OpenShift PaaS Cloud
- Built for security using HTTPS and dual factor authentication.
- Supports Continuous Integration.
 - Git, Maven, JUnit, Jenkins
 - JMeter

