Login Screen

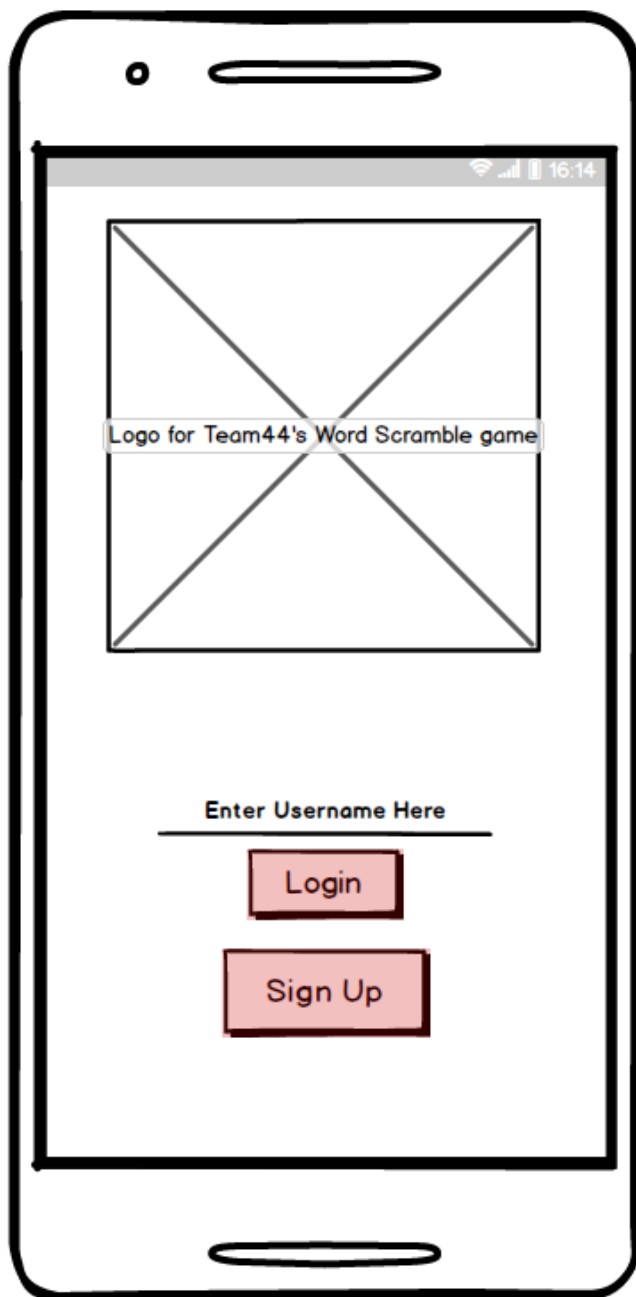Logo for Team44's Word Scramble game

Enter Username Here

Login

Sign Up

This mockup is of the login screen outlined in requirement 1. Here we can log in to a Player account by providing the system with the Player's username and clicking the 'Login' button, or create a new Player through the 'Sign Up' button. If the provided username is not in the system, an error should pop up saying so.

New Player Creation

New Player Creation

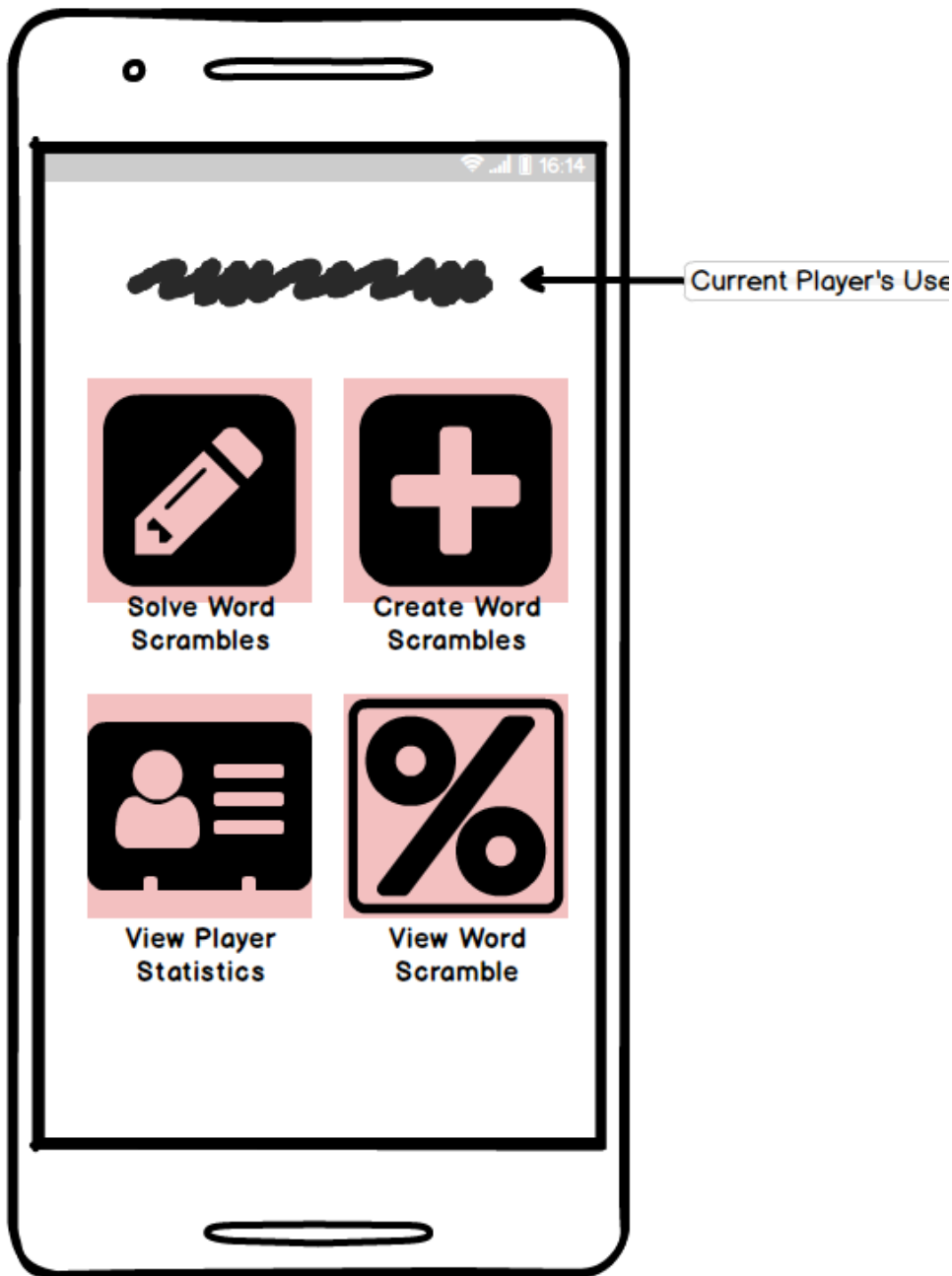First Name _____

Last Name _____

Email _____

Desired Username* _____

*If your desired username is already taken, we will assign a random number to the end of your username to make it unique.
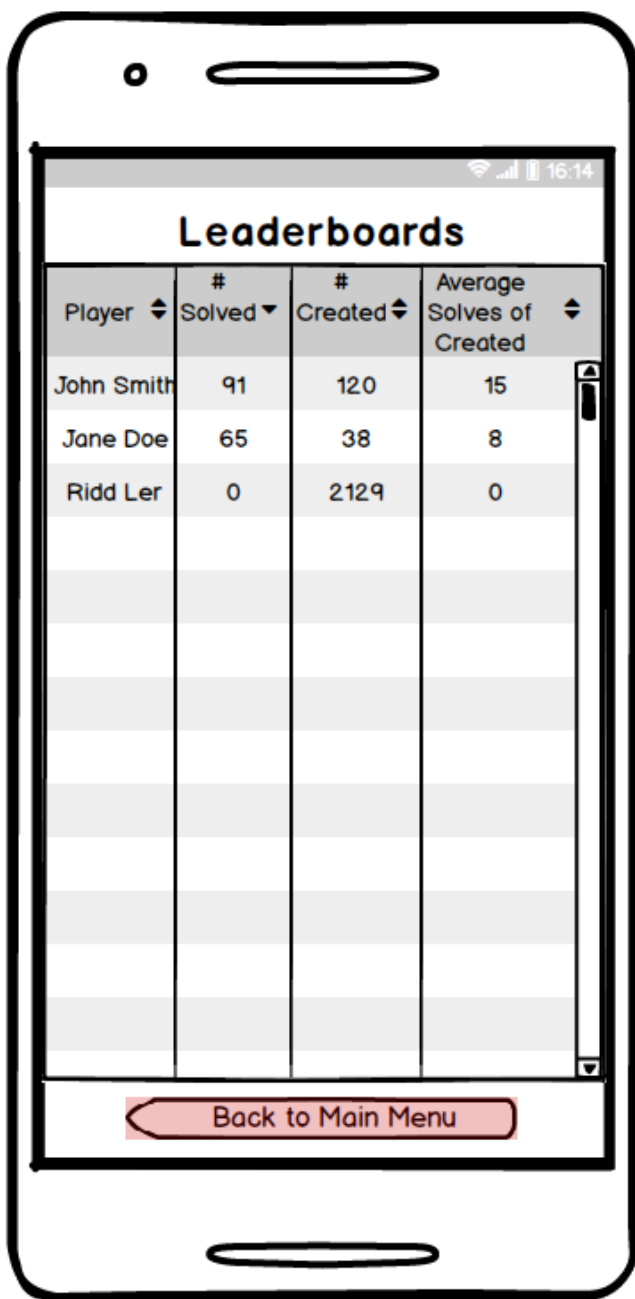
Submit

When a User selects 'Sign Up' from the login screen, they are taken here. The process of creating a new Player that we show here is outlined in requirement 5. The user provides a First Name, Last Name, Email, and Desired Username. We call this 'Desired' Username since if the username is already being used by another Player, then the system will append numbers to the end of the provided username to make it unique.

Main Menu

Current Player's Use[r]

Solve Word Scrambles

Create Word Scrambles

View Player Statistics

View Word Scramble

This is the main menu of the system. The user will initially come here after successfully logging in or creating a new Player account. The options the user has from the main menu are outlined in requirement 2:(1) create a word scramble,(2) choose and solve word scrambles,(3) see statistics on their created and solved word scrambles, and(4) view the player statistics.

Player Statistics

Leaderboards

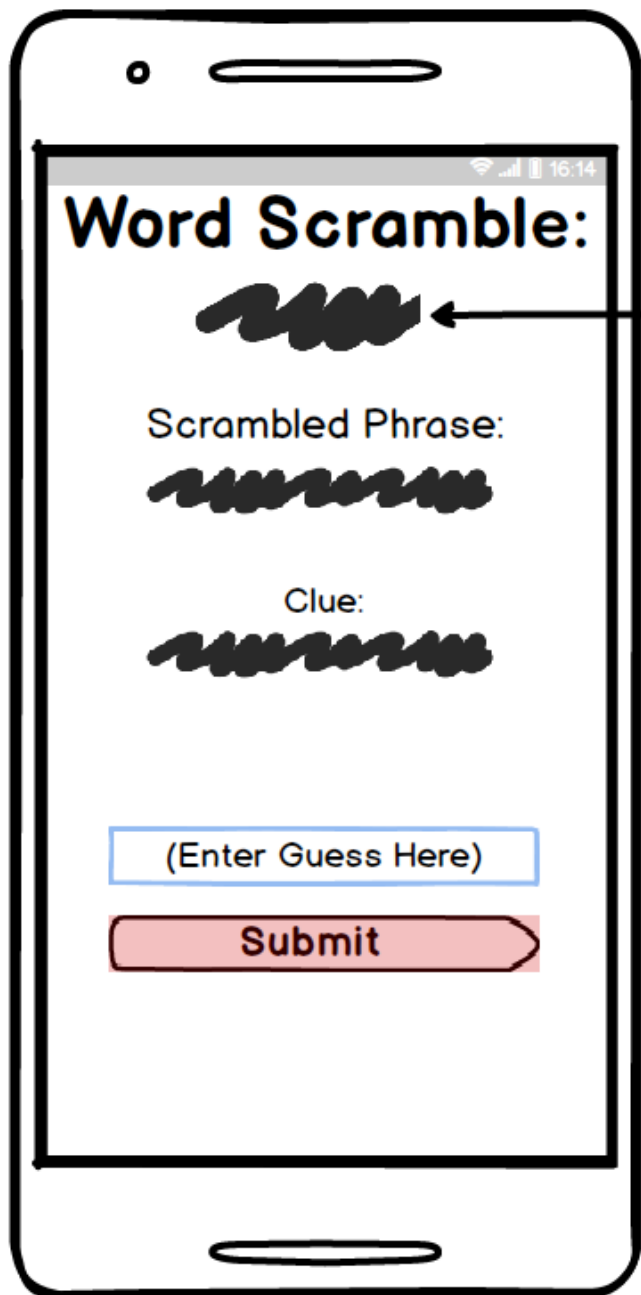| Player ⬍	# Solved ▼	# Created ⬍	Average Solves of Created ⬍
John Smith	91	120	15
Jane Doe	65	38	8
Ridd Ler	0	2129	0

🛜 ᴬᴵ 📶 🔋 16:14

Back to Main Menu

The user gets this view when they select 'View Player Statistics' from the Main Menu. This view helps satisfy requirement 12 by:- Listing player's first name & last name.- Listing the number of scrambles that the player has solved.- Listing the number of new scrambles created.- Listing the average number of times that the scrambles they created have been solved by other players.- Sorting by decreasing number of scrambles that the player has solved. (We also allow sorting on the other metrics shown here)

View Unsolved Word Scramble

Select a Scramble to Solve

💬=Fresh Scramble 💬=Recorded Progress

Rdmbcleas Hrapse 💬

Rdmbcleas Hrapse 💬

Rdmbcleas Hrapse 💬

Rdmbcleas Hrapse 💬

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Requirement 9

Word Scramble Statistics

Word Scramble Statistics

ID ⬍	Solved/rCreated ▼	Solved % ⬍
8451	Created	35%(44)
8549	Created	67%(84)
10159	Solved	28%(35)
9985	Solved	12%(15)
1234	Solved	92%(115)

Back to Main Menu

When a Player on the main menu chooses to view statistics on Word Scrambles, they will be taken to this page. Here we list the unique identifier, whether it was solved or created by the Player, and the total number of Players that have solved the WordScramble. This page helps satisfy requirements 2 and 11 of this system. Solved % is not particular outlined in the requirements, but it is a clean way of representing total number of players that have solved the WordScramble by keeping the stats in a limited range instead of letting them continously increase as the player base grows. Solved % can be calculated by Number of Players that have solved the WordScramble divided by the total number of unique players in the whole system - 1 (the creator).

Word Scramble:

Current Word Scramble

Scrambled Phrase:

Clue:

(Enter Guess Here)

Submit

New Word Scramble Creator

Word Scramble Creator

Phrase [   ]

Clue [   ]

Scramble Phrase

Scramble Output:

[   ]

If you do not like the given Scramble, click
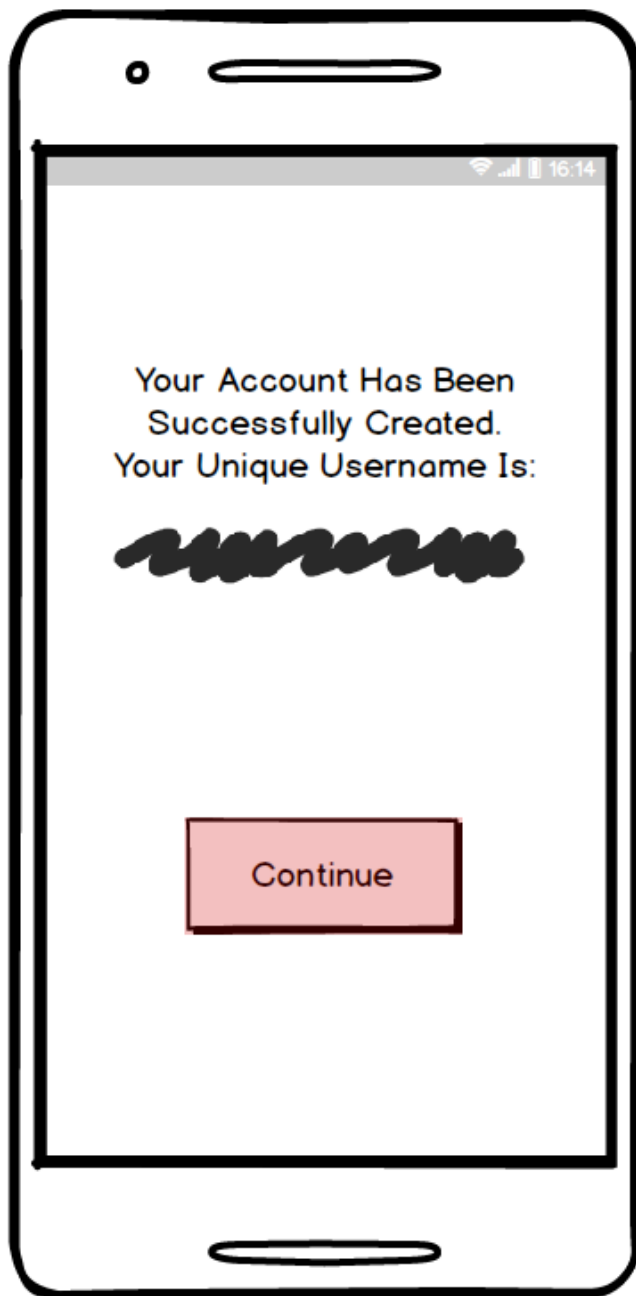Scramble Phrase again to genereate a new one.

Submit

Cancel

This view is for creating a new Word Scramble and is gotten to by selecting 'Create
Word Scramble' on the Main Menu. Here we fufill requirement 6 which states 'To add
a word scramble, the player will:- Enter a phrase (not scrambled).- Enter a clue.- View
the phrase scrambled by the system. If the player does not like the result, they may
choose for the system to re-scramble it until they are satisfied.- Accept the results or
return to previous steps.- View the returned unique identifier for the word scramble.
(This is done in the follow up screen after selecting submit)

Word Scramble Creation

Your Word Scramble Has Been Successfully Created. Its ID number is:

Continue

After the Player has created a Word Scramble, the system will show the unique identifier that it has assigned the new Word Scramble.

Player Creation

Your Account Has Been
Successfully Created.
Your Unique Username Is:

Continue

After a new Player has been created, the system will show the username, with
possibly a number appended to it to ensure that it is unique as outlined in requirement
5.

Scramble Phrase

Word Scramble Creator

Phrase | pyramids

Clue | Ancient Monument

[Scramble Phrase]

Scramble Output:

dairpmsy

If you do not like the given Scramble, click
Scramble Phrase again to genereate a new one.

[Submit]

[Cancel]