Function list

Rev 3

**GLOBAL Functions**

* Device home button quits app
* Device back button nulls current activity and returns to previous activity

**DATABASE Functions**

* Track number of registered accounts
* Hold account information
* Push/pull information to app

**APPLICATION Functions**

**Login Screen**

* Enter email
* Enter password
* Validates login
* Signup for an account

**Sign Up Screen**

* First name (Validates if name is entered)
* Last name (Validates if name is entered)
* Email (Validates if it is an email)
* Password (Validates if password is entered)
* Password re entry (Validates if password is entered and are matching)
* “Cancel” activity
* “Submit” information and push information

**Main menu Screen**

- Solo Play

- Friends Play

- Settings

**Solo Play Screen**

* Select Difficulty Easy, Medium or Hard
* Play button
* Cancel button -> jump to Main menu screen

Easy

- Display 3x3 Screen

- Pull and shuffle image from database

- Display 30sec timer

- Move puzzle

- Check if image is in wins position always

- Pop up Win (and stop timer) or lose dialogue and re-display new game screen

Medium

- Display 3x3 Screen

- Pull and shuffle image from database

- Display 30sec timer

- Move puzzle

- Check if image is in wins position always

- Pop up Win (and stop timer) or lose dialogue and re-display new game screen

Hard

- Display 3x3 Screen

- Pull and shuffle image from database

- Display 30sec timer

-Move puzzle

-Check if image is in wins position always

-Pop up Win (and stop timer) or lose dialogue and re-display new game screen

**Friend Play Screen**

* Display Friends list
* Add Friends

Add Friends Screen

* Add “username”
* Remove “username”
* Check users with online database

**Settings Screen**

-Change Password

-Delete Account

-About App

-Privacy Policy

-Terms of Service

-Logout of account

Change Password

* New Password
* Re-enter new password
* Cancel and submit buttons
* Checks validity and updates account

Delete Account

* Delete current account
* Prompt for removal
* Update database

About

* Display information about our app

Privacy Policy

* Open link to required privacy policy documentation

Terms of service

* Open link to required privacy policy documentation

Log out

* Logout of account
* Return user to login page