AllDogsGoToHeaven - Addison Huang, Claire Liu, Dennis Chen, Damian Wasilewicz
P#01 - Arrested Development
Softdev1 p06
Task The Second - The Plan
2018- 11- 21

What is Trivia?

Component Map and Program Components

Authentication

- Allows unregistered users to create an account
- Logs in previously registered users
- Keeps users logged in between sessions
- Allows for logout
- Users must log in in order to do anything

High Scores

- The user can see a list of the highest scores out of everyone who has played the game on the home page

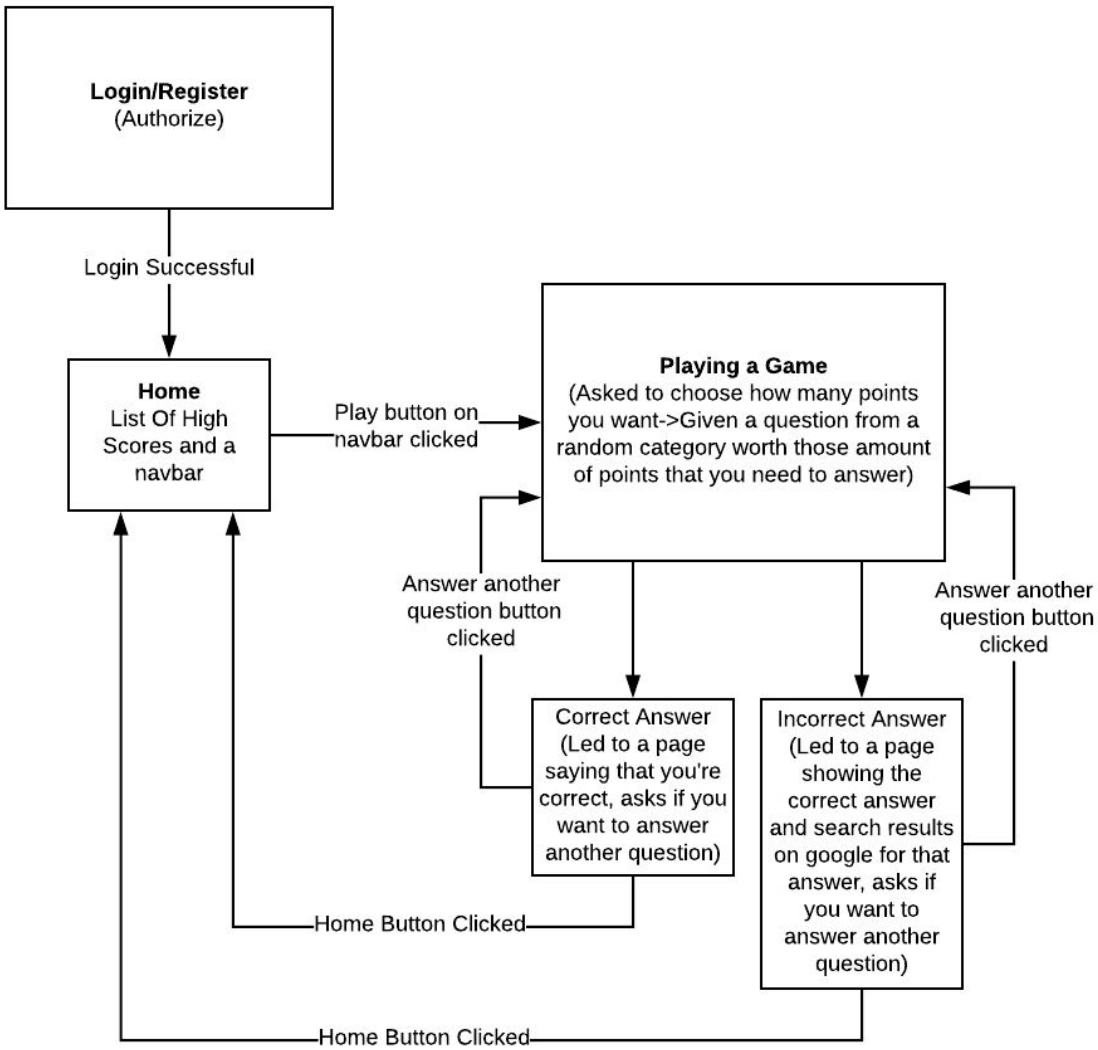
Search

- The navigation bar will have a search function, which will allow the user to search up terms
- If the user wants to search up information about an answer to a previous question, they can do so here

Playing the Game

- Activates after clicking the play game button on the navigation bar
- First the user chooses how many points they want their question to be
- Then the user is given a random question from a random category from the jService API worth those amount of points
- If the user gets the question correct, the user gains that many points, but if the user answers the question incorrectly three times, the user loses that amount of points
- After submitting the answer
    - if the user gets the question wrong, the user will be shown the correct answer with the search results that google would provide for that answer using the google search API so the user can learn more information about the topic

    - if the user gets the question right, the user will be sent to a page telling the user that the answer is correct.
- The user can stop playing the game at any time as the user's points will be stored inside a database



Database Schema

users	
username	TEXT
password	TEXT
score	INTEGER

Database for user accounts

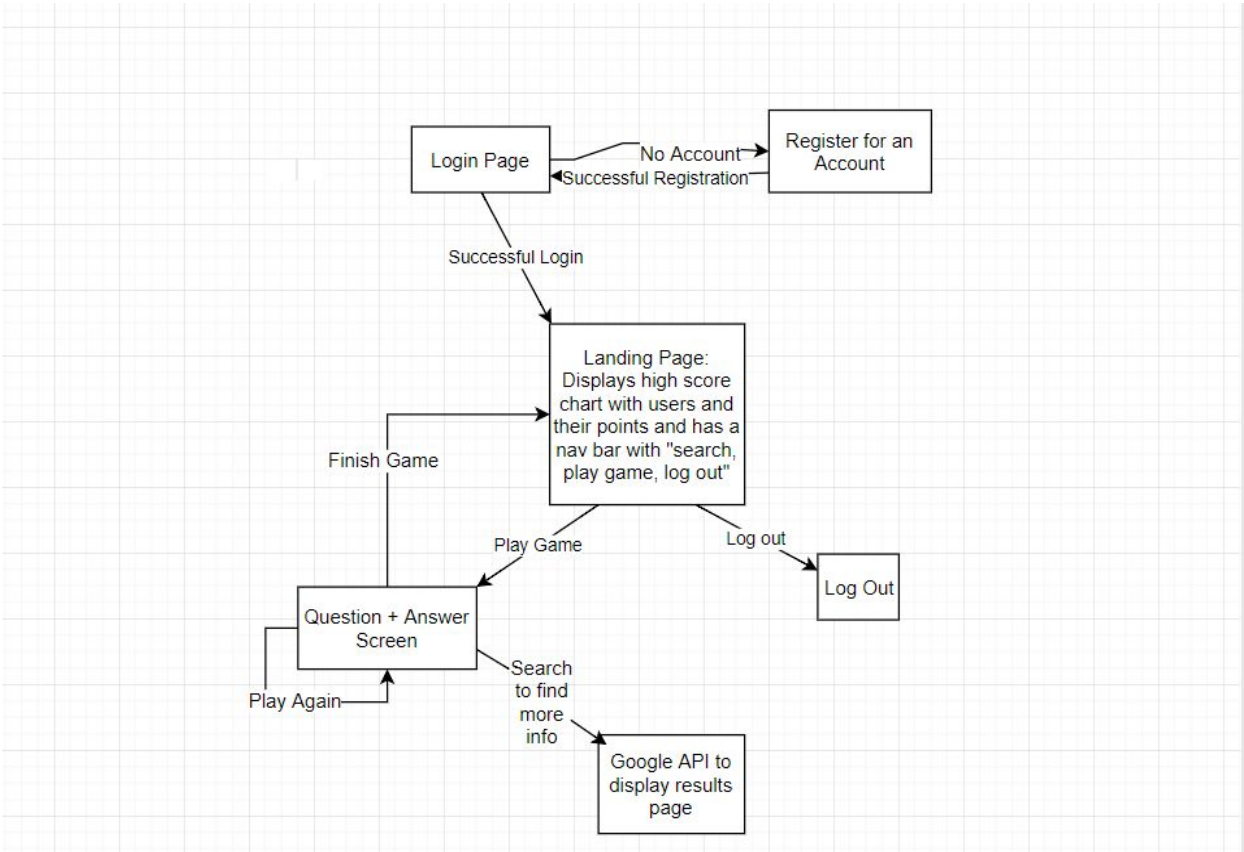
- Stores user accounts
- A User registers a username and password and they start off with a score of 0
- As they answer questions correctly/incorrectly, they get points added/deducted from their score

questions	
username	TEXT
question	TEXT

Database for questions

- Stores questions answered by users so that questions will not repeat
- When a user answers a question correctly/incorrectly, an entry in the database is created

Site Map



To-Do List

- Writing database code and html templates: Addison
- CSS/Framework and writing code to retrieve data from the Google API: Damian + Claire
- Writing 411s-Damian
- Writing code for retrieving data from the Jservice API: Dennis