

Jeopardy! - Design Document

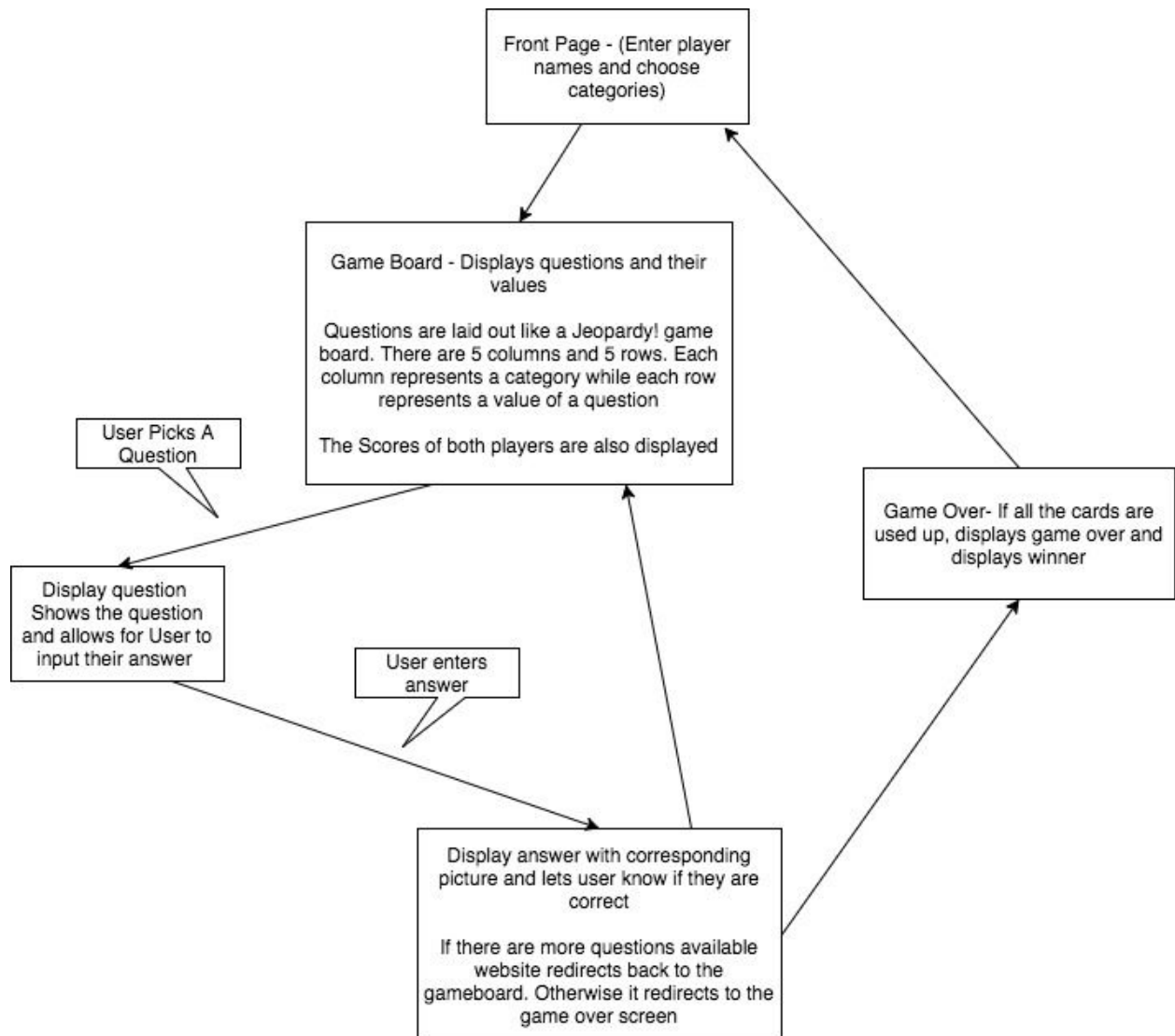
Summary

- A website that imitates the popular game show JEOPARDY! The website allows for two players to go head to head. On the front page, users can choose 5 categories that they'd like to answer questions in. They are then taken to the game board where 5 questions from each category are loaded. The questions are sorted from top to bottom by lowest to highest difficulty (a higher difficulty corresponds to higher value for a question). When a user selects a question, it is displayed on a new page along with an input field for them to answer. Once an answer is given, the user is told whether their answer was correct and a picture related to the answer is displayed.

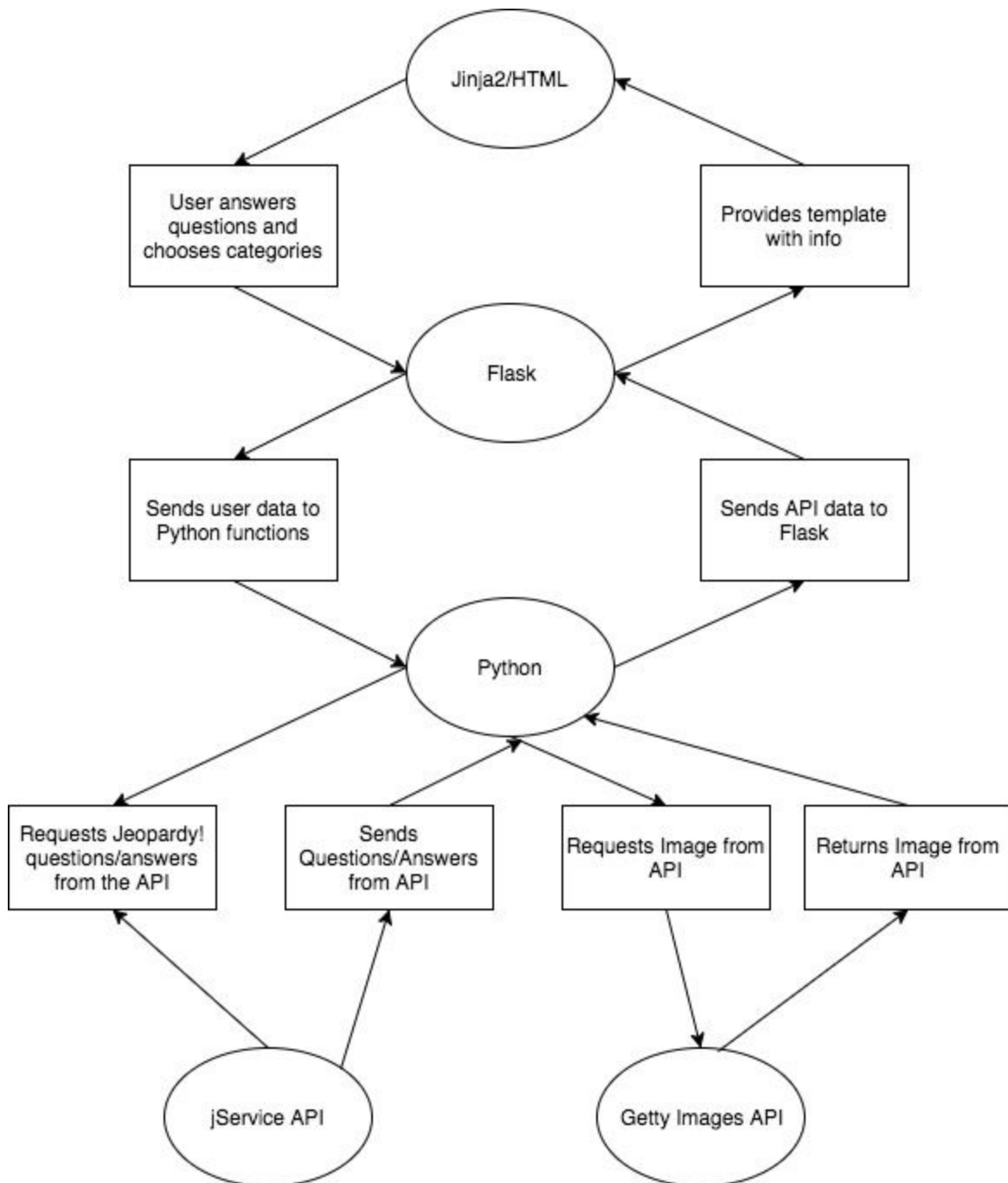
Roles

- Function to get questions based on a given category from jService API (Must parse the returned JSON and return the questions in an easy to work with format) - **Caleb**
- Function to get questions from the question dict of a specified difficulty - **Caleb**
- Function to get URL of image based on search term from gettyImages API (Must parse the returned JSON and return the URL of the appropriate image) - **Caleb**
- HTML/CSS Templates for: - **Charles**
 - Homepage - Form for choosing categories and inputting names
 - Gameboard - Display all questions
 - Display Question - Display the question and a field for entering an answer
 - Display Answer - Show the right answer, include a related photo, and indicate whether the answer was correct. Also include an "I was right"
 - Game Over - Show the final score and include a link to start over.
- Flask Route Functions (Send/receive the required info to/from the Jinja Templates) for: - **Shakil**
 - Homepage
 - Gameboard - Figure out how to map each individual question card on the board to a question in the question dictionary
 - Display Question
 - Display Answer
 - Game Over
- Mechanism to keep score of individual players - **Shakil**

Site Map



Component Map



Mockups

(A few ideas on what the pages should look like)

Game Board:

CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5
<u>\$200</u>	<u>\$200</u>	<u>\$200</u>	<u>\$200</u>	<u>\$200</u>
<u>\$400</u>	<u>\$400</u>	<u>\$400</u>	<u>\$400</u>	<u>\$400</u>
<u>\$600</u>	<u>\$600</u>	<u>\$600</u>	<u>\$600</u>	<u>\$600</u>
<u>\$800</u>	<u>\$800</u>	<u>\$800</u>	<u>\$800</u>	<u>\$800</u>

Source:

<https://www.ispringsolutions.com/blog/how-to-make-a-jeopardy-game-in-powerpoint/>