

Team ViBayan and Helilbnul

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Title: Wheel of Fortune!

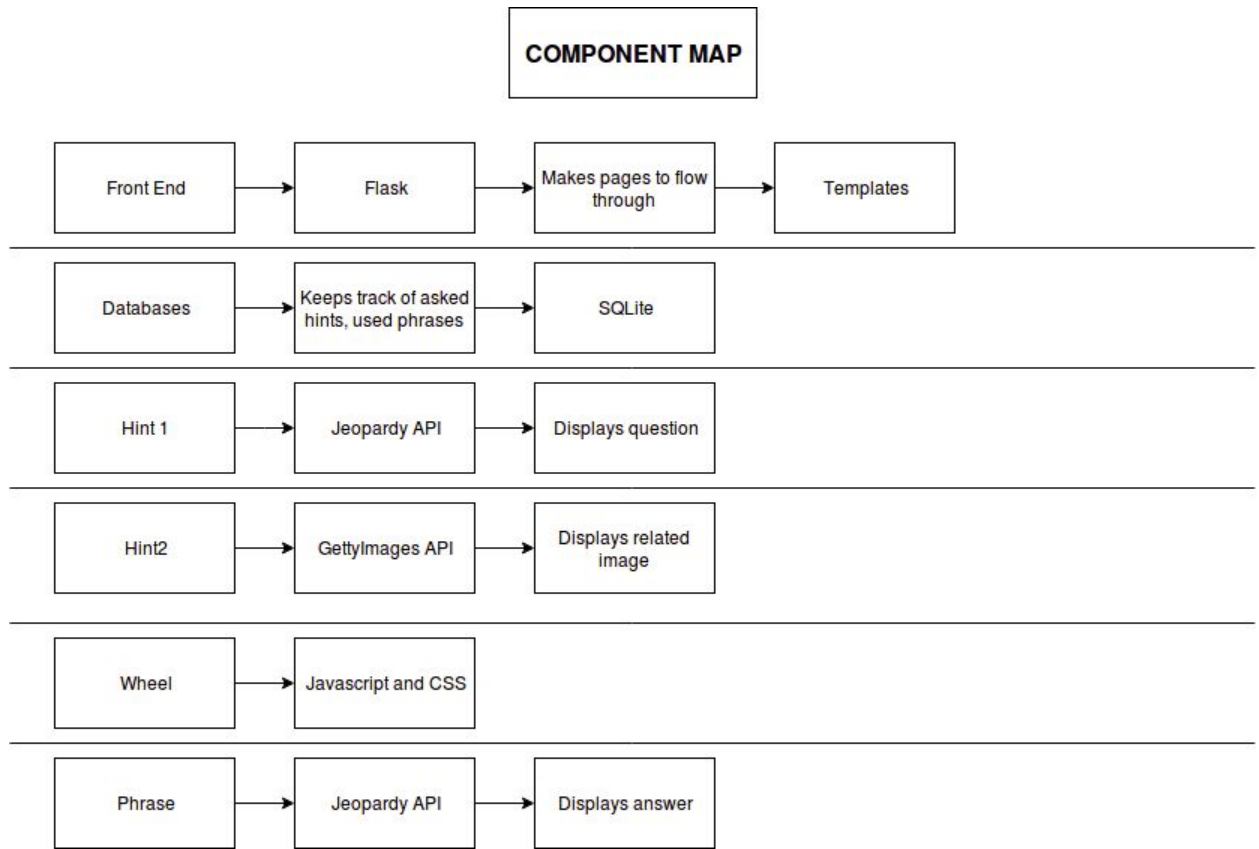
## I. Description

- A. Through the use of Getty Images API and Jeopardy API along with javascript, we'll recreate wheel of fortune. For the phrase we will use the Jeopardy answer. For the category we will use the category from Jeopardy. For hints we will use the question from jeopardy as well as a getty image. Hints are worth 500 for images and 1000 for jeopardy questions.

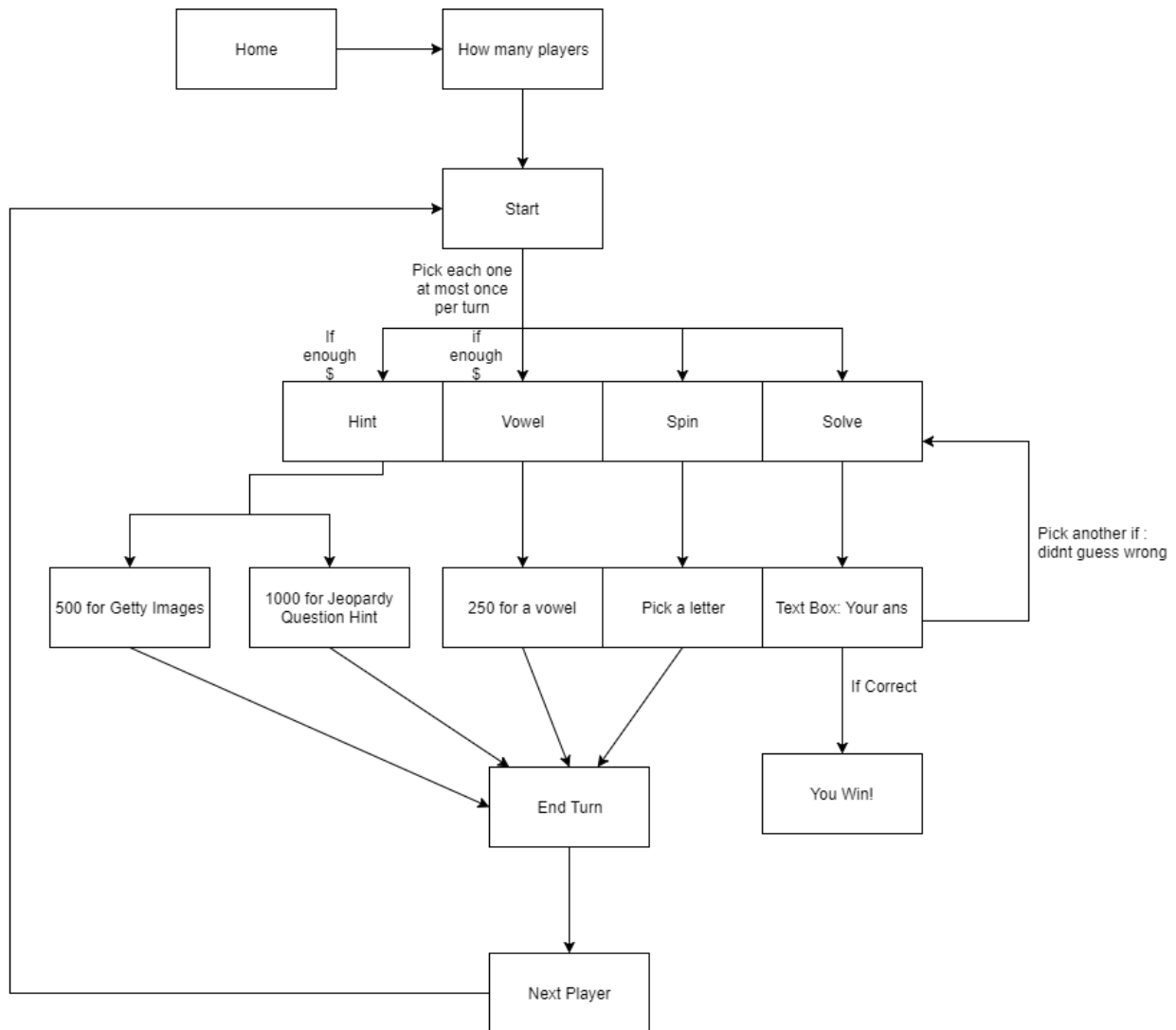
## II. How to play Wheel of Fortune

- A. It's like a big hangman with money.
  - 1. A few blanks are displayed
  - 2. Players take turns and they can spin the wheel, solve, buy a vowel, buy a hint. Once they make a mistake in solving or guessing consonants their turn is over.
    - a) Spin: If a player spins the wheel on screen and lands on a number value(100) and guesses r for example. And there are 4 rs. They get 400 dollars! And they are presented with the options of solving buying a vowel or a hint.
    - b) Vowels: as long as the user hasn't made a mistake, they can spend \$250 to buy a vowel. If there is no vowel they can still try the remaining options. (if they spun and chose vowel, they can solve or ask for a hint)
    - c) Hint: Everyone gets the hint if you buy one. 500 for a getty images hint(because it might be inaccurate) 1000 for the jeopardy question.
    - d) Solving: You will be prompted with a textbox asking what the puzzle answer is. If you get it wrong your turn is over
  - 3. There are also bankrupt tiles, lose a turn tiles, and free play.
    - a) Free play: you can guess a vowel for free and get another spin.
    - b) Bankrupt: You lose all your points and possessions
    - c) Lose a turn: you lose a turn

### III. Component Map



### IV. Site Map



## V. Database Schema

Question storage (key: Phrase & Category)

STRING Phrases	STRING Categories	STRING Question Hints	STRING Getty Hints URL
Ibnul Jahan	Famous People	Who is the Peglegs' star?	Picture of a pirate

Player Accounts (will be scaled into!)(key: Name)

STRING URL Name	STRING Password	INTEGER Money (tracks winnings from games; not used for anything game related)
Ibnul Jahan	peglegsstar	\$5412389000

VI. Post MVP:

- A. Bonus round in which the letters r s t l n e are displayed in the phrase and the user guesses 3 consonants and a vowel and has to solve it based on what shows up.
- B. Possibly include prizes like half car cards and a wild card.
- C. Timer so that the user doesn't just cheat and search up the answer.
- D. Create a wheel (MVP should just have a randomly generated index of an array with all the possible things to land on)
- E. Account system to keep track (Not necessary until the very end).

VII. Task division

- A. Project Manager: Charles Weng
- B. Front End HTML: Bayan Berri
- C. Databases: Bayan Berri
- D. Jeopardy API: Ibnul Jahan
- E. Getty Images: Vivien Lee
- F. Flask: Everyone will contribute because it's a core part of the project