API Hackstone App Ideas

1. I Can’t Decide! / Can’t Decide?

This app will assist users in making daily decisions such as what to eat or cook, where to go for that evenings entertainment, or a custom parameter they choose. For the custom parameter the user will put in a list of items (any number) and the app will then change that to a roulette wheel or slot machine style graphic, and randomly pick one of the outcomes. For the pre-programed options similar effect will play from all pre-programmed options (plus any the user has added) and will then make a call to a relevant API. For instance if a user can’t decide what to eat for dinner they can select that option, a roulette wheel will spin showing all potential options, and then whatever it lands on will make a call with relevant search parameters to the API of choice and produce places or recipes that match that description.

Example 1. Sarah can’t decide what to eat for dinner: She loads I can’t decide. Clicks on the “I Can’t Decide What to Eat!” button. A big wheel or slot machine comes up. She hits the “Decide!” button (label description work in progress). The wheel spins! Japanese is chosen from the 20 pre programmed types of cuisine. She is presented with 3 buttons. “Eat out” “Eat In” “Can’t Decide”. An API call is then made which returns a listing of the top 5 Japanese restaurants in the area, or 5 Japanese recipes. (Or maybe just the top option? Possibly a try again button in case she really isn’t feeling Japanese that night). She can then select on from the list. Restaurants should pull up their website or google map listing. Recipes should pull up the full recipe.

Example 2. Perhaps this is a stretch goal?. ( This one may be harder because you may need a bunch of ifferent APi’s. This is more feasible if you can find an API that gives all this information on plays, museums, nightclubs, events, etc.) John can’t decide where to go tonight. Like example one John proceeds until the wheel spins and pre programmed options are chosen. Theater is chosen! An API call is made and local showings or theaters are then displayed. John clicks on one he likes and is taken to the corresponding web listing.

Example 3. (Strecth goal? This one likely requires me to store and communicate custom profiles). David wants to be able to quickly and easily choose between a dozen (or a hundred) custom options so that one is chosen at random. At the title screen David see’s three buttons and picks “Custom List” (Name WIP). He then sees a blank field he can type in and an add item button(also needs a way to delete items). He adds in the desired amount of items and clicks a button at the bottom that says “Create Wheel”(Name WIP)(Needs place to input title of custom wheel). A wheel is then made showing all the selected items. He can then click the “Spin Wheel”(Name WIP) button, and an option is selected. No API call is made at this point as this user experience is complete, an item was chosen. (put in spin again button)

Additional Info:

Google Places API Nearby Search requests including type restaurant and keyword (whatever wheel picked) should work well.

Spoonacular's [Food and Recipe API](https://www.programmableweb.com/api/food) will work for recipe’s and is a good place to start building and testing off of.

Idea Feedback.

Api for geolocation getting there latitude and longitude.

Can I use Amazon API at all

I need area code to lat and long conversion somewhere, or something that gets gps.

Build this using REACT. Component design with REACT

Portfolio Feedback. Mythquiz should be setup to open in a new tab, not be in the same tab.