Capstone One Proposal

The goal of my application is to provide fun and creative recipes for adults using a variety of items that they already have in their pantry. The target group for my app are 21+ year old adults who enjoy creativity, experimenting with and crafting cocktails but are not experienced with mixology.

I would like to use an API that contains a variety of drinks made with a multitude of recipes, and easy to read instructions. I would also like to find an API that has an images endpoint to help my app be more aesthetically pleasing. An example of a very useful API I found for this project is: https://www.thecocktaildb.com/api.php?ref=apilist.fun. One possible issue I may run into with my API is having to pay for some of the better endpoints which would limit the quality of service that I may be able to provide. Another issue would be if the API could not find a recipe that includes all of the ingredients provided by a user.

In summary, The main functionality of my app would be that a user could enter a list of ingredients that they already have and a list of cocktails that contain those ingredients would be generated to the user along with instructions on how to make each one. Another feature of the app could be a random cocktail generator based on a variety of user inputs like liquor type or contains certain ingredients.