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Project and Portfolio 5 (MDV358)
2202

Pocket Chef

APP DEFINITION STATEMENT

Do you ever crave a certain food item but don't know if you can make it at home and have the right ingredients? Or do you ever wonder whether it is more cost-effective to cook the food or just order it from a restaurant? The Pocket Chef will be your one-stop solution.

Pocket Chef will be your "Google Map" or no-brainer app for food. This app not only gives you a recipe you searched for but also how to cook it and how to buy the ingredients. There is some type of aid in every option you choose to go with the food, instead of just cold hard facts.

PROBLEMS THE APP SOLVES/WHAT THE APP DOES

1. A search feature that allows the user to search for any keyword about the food they are looking for, a result filter may be added if given enough time.
2. List and rank recipes, and ingredients according to the user's selection using Spoonacular and TripAdvisor API.
3. Login function optional
4. Local and remote data storage

PROBLEMS THE APP DOES NOT SOLVE/WHAT THE APP DOES NOT DO

1. Do not connect with any commercial parties or take any payments.
2. Do not use Face ID, Touch ID, or any hardware-based security features.
3. Does not require sing up / login for the user to use the core features of the app.

DEMOGRAPHICS

Main Demographic (for local households who cook very often)

- Age 30 to 60
- Both genders with slightly more females

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- Occupation: most occupations, except culinary experts who know and cook better than what our app is trying to help you cook. Also, exclude most full-time students who don't cook for themselves.
 - Income Range: any
 - Other Details: Almost any adult who can use a smartphone needs to cook from time to time. I was trying to exclude the very rich few, who usually have their own chefs cooking most of the time. But those who cook for them can use my app too.

Secondary Demographic (for busy people who value speed and convenience)

- Age Range: 18 and above
- Both genders
- Occupation: any, except culinary experts who know and cook better than what our app is trying to help you cook.
- Income Range: any
- Other Details: These busy people usually live alone and want to save time over money when cooking.

PERSONAS

Christina

As a mother, I want to find all the ingredients for a recipe during grocery shopping and be able to look at the recipe while I am cooking, so that I can prepare meals for my family with ease. I am in my early 30s, female, have a full-time job with an acceptable amount of income (\$30,000 to \$60,000 annually). I am the main user in my family who cooks, and I value nutritious and affordable meals the most.

Steve

As a graduate student, I cook from time to time. I usually cook a large meal once or twice a week and store the food in the fridge so that I can have enough to eat for the next several days. I enjoy simple and easy-to-cook recipes over complicated ones. I am in my late 20s, male, have an acceptable amount of income (\$30,000 annually), and share an apartment with my roommate.