



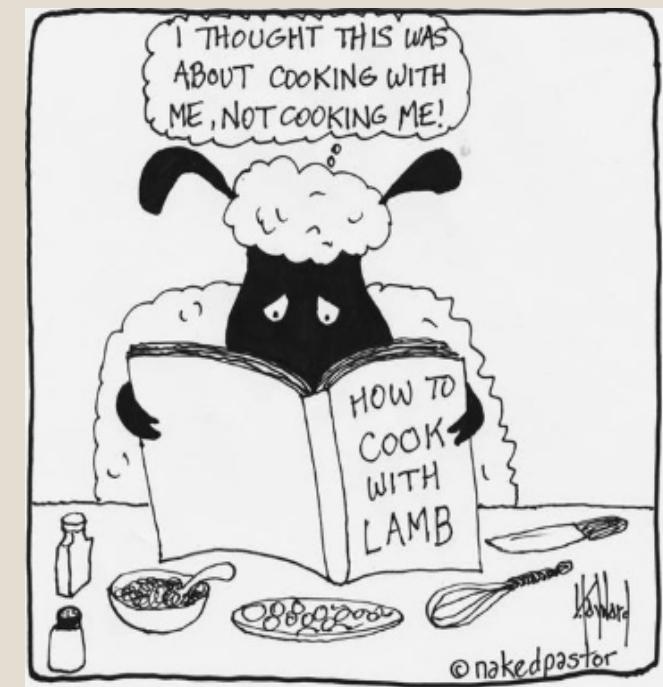
YUMMY COOKING

Summer 2019 CS639 Final Project

Team #3
Guangcheng Yang
Danni Huang

1. Solve the problem

- With the first few months of living away from home, most of us find that splitting our meals between the campus dining hall and local fast food joints is not going to cut it for the next two (or more) years. Especially for the international students who did not cook at home before, cooking is a big challenge for many of my friends and me to handle a whole day meal when we live alone.
- Like it is hard to decide what meal should I cook ? How to cook it ? what cookers and materials I need? where to buy the raw materials? What is the estimated cost for a meal?
- In order to solve this problem, we decide to create an app named “Yummy Cooking.”
- So The “Yummy Cooking” will guide the cook-beginner step by step to prepare a good meal.



2.Target users

We are **students** who live in **New York**. We are all **cook-beginners**.

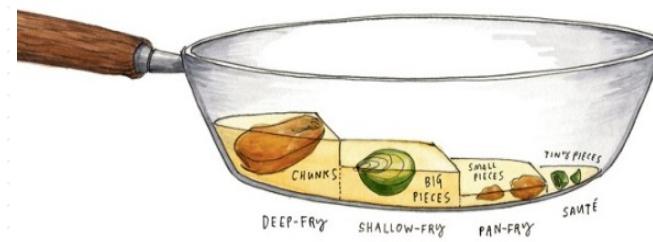


I am International student Young. I don't have cook experience. But I want to make homemade meal to lower my living budget during studying in New York. So I would love to use the "Yummy Cooking" to plan my meal.



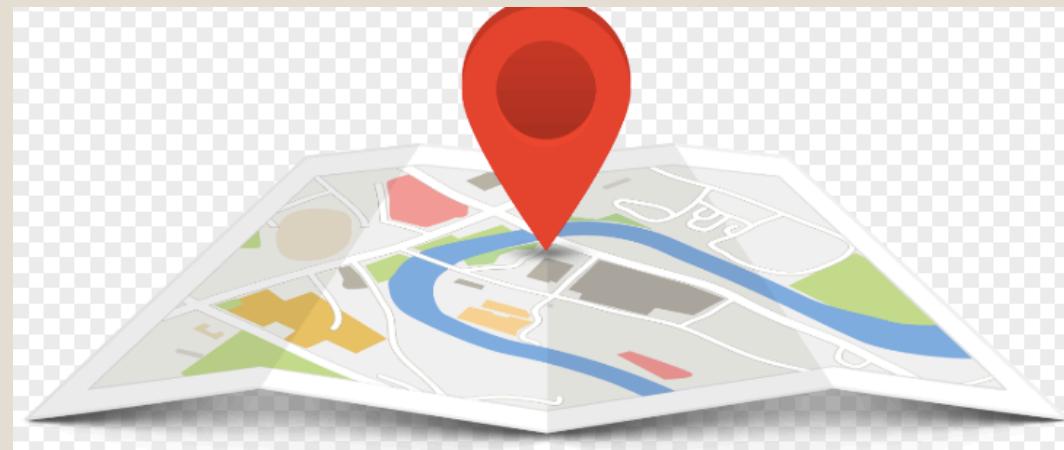
3.The features of the solution

- It provides the food picture, cooking time, estimated cost.
- Recommendation of some Recipes.
- Click the food picture you like to make, it directs to the cooking detail page.
- The page includes:
 - Meal Picture
 - Ingredients
 - instructions
 - Purchase location
 - Share the recipes
- It also provides a purchase location of ingredients you need on the map.
- Share bottom for sharing to the others.

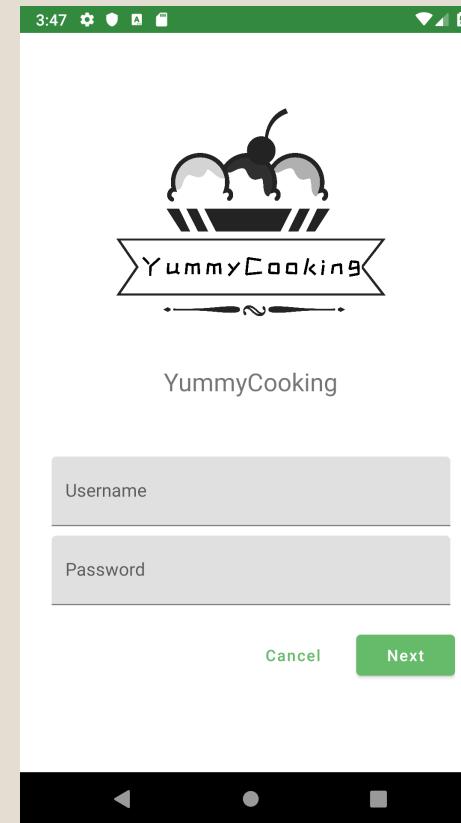
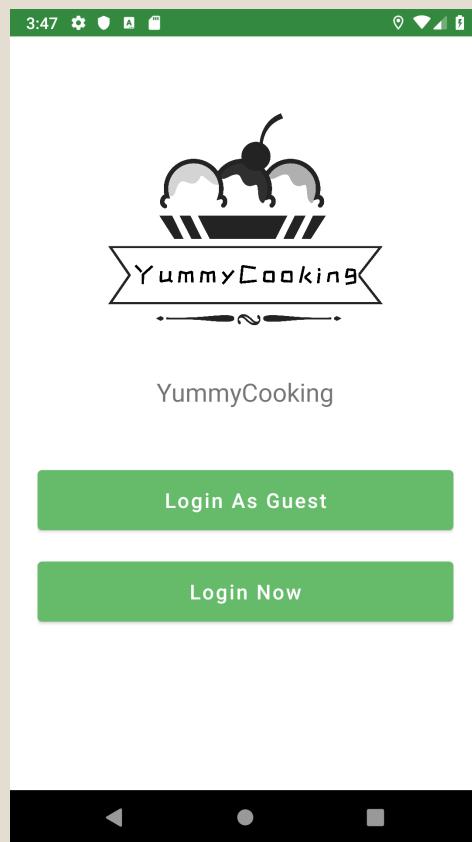


4.The unique solutions

- After going through few similar cooking apps, we found that they provide online purchase of raw materials. That means you can get raw materials couple days after. But for the group of people don't want to wait for so long, we provide the solutions is that **show the possible purchase location** to help users get raw materials immediately.



5.APP Screenshots



APP Screenshots



Link to Video



- https://drive.google.com/file/d/1Qrw_HsEk6PuHSTcad0hLJks8ziozr7Hd/view?usp=sharing



- https://youtu.be/e_rEDI5YAk0

6. Problems encountered in the development of the app

- Can not acquire the pictures from firebase cloud store;
- a problem to return the last activity by clicking back icon;
- Don't know how to generate drawable xml file.



5.The technologies used to develop

- We use android studio to develop the app.
- The min SDK 24 and target SDK 28.



References

- <https://material.io/design/>
- <https://codelabs.developers.google.com/codelabs/mdc-101-java/>
- <https://codelabs.developers.google.com/codelabs/mdc-102-java/>
- <https://codelabs.developers.google.com/codelabs/mdc-103-java/>
- <https://codelabs.developers.google.com/codelabs/mdc-104-java>

THANK
you!

