

TEAM 5

Vitamininfo

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Team #5

App Name: Vitaminfo

Wiki URL: <https://github.com/Vitaminfo/Vitaminfo/wiki>

YouTube Link: <https://youtu.be/hSpcTD-8Pvg>

The Problem

- Say you want to learn which foods have vitamin A.
- How do you do that without going to the web?
- If you're in a grocery store and you want to find out which foods have vitamin D, how do you do that?
- Benefits of certain foods are not easily found.

Research

We looked at nutrition apps on the Google Store.

There are many of them.

There are vitamin apps but they are expensive.
Each vitamin app is about \$5.

Because there are not many free options, there is a market for this app that can be free.

User Persona

- Health conscious individuals.
- People who care are looking to get more of a
- certain type of specific vitamin.
- People age 16-65 that are of any race.
- Most likely, it is going to be the people who exercise often.

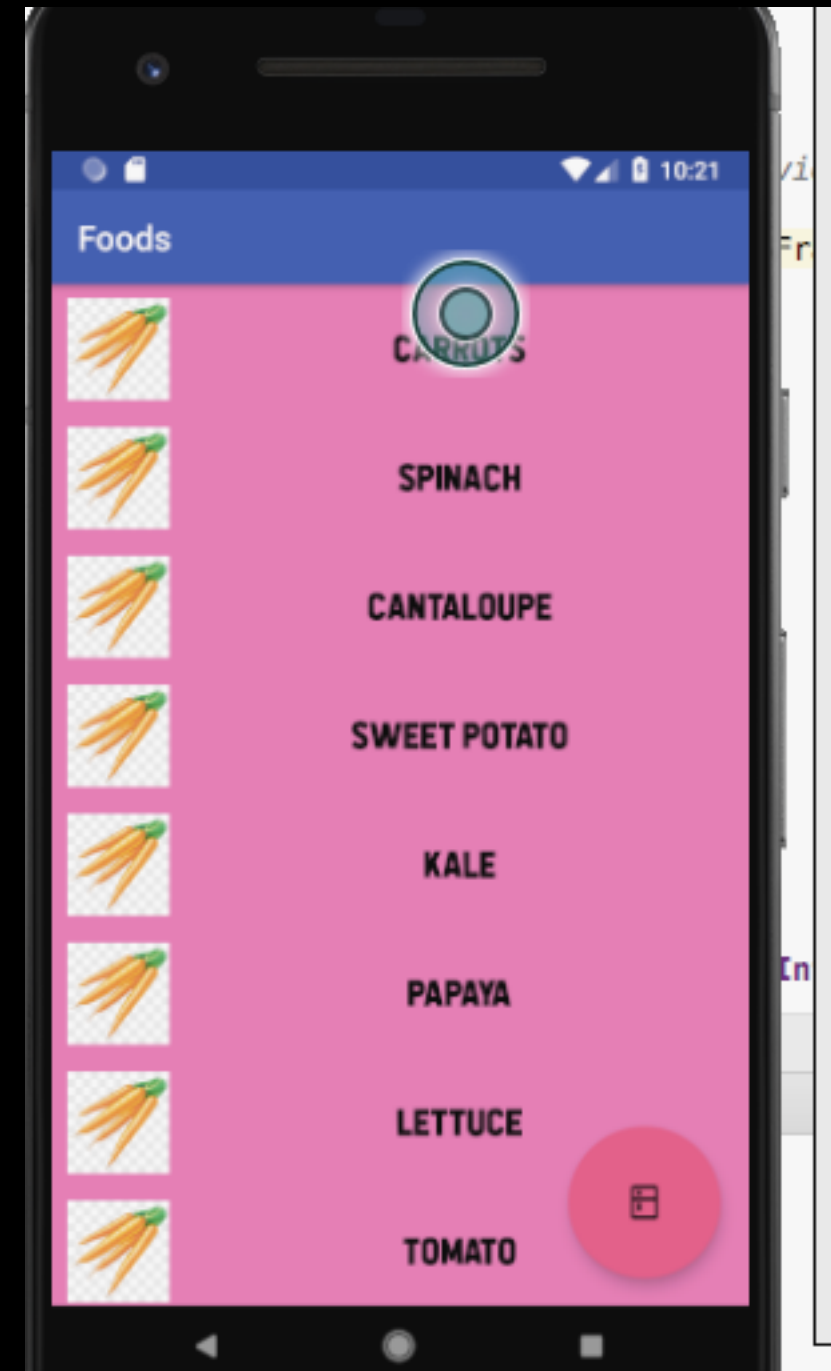
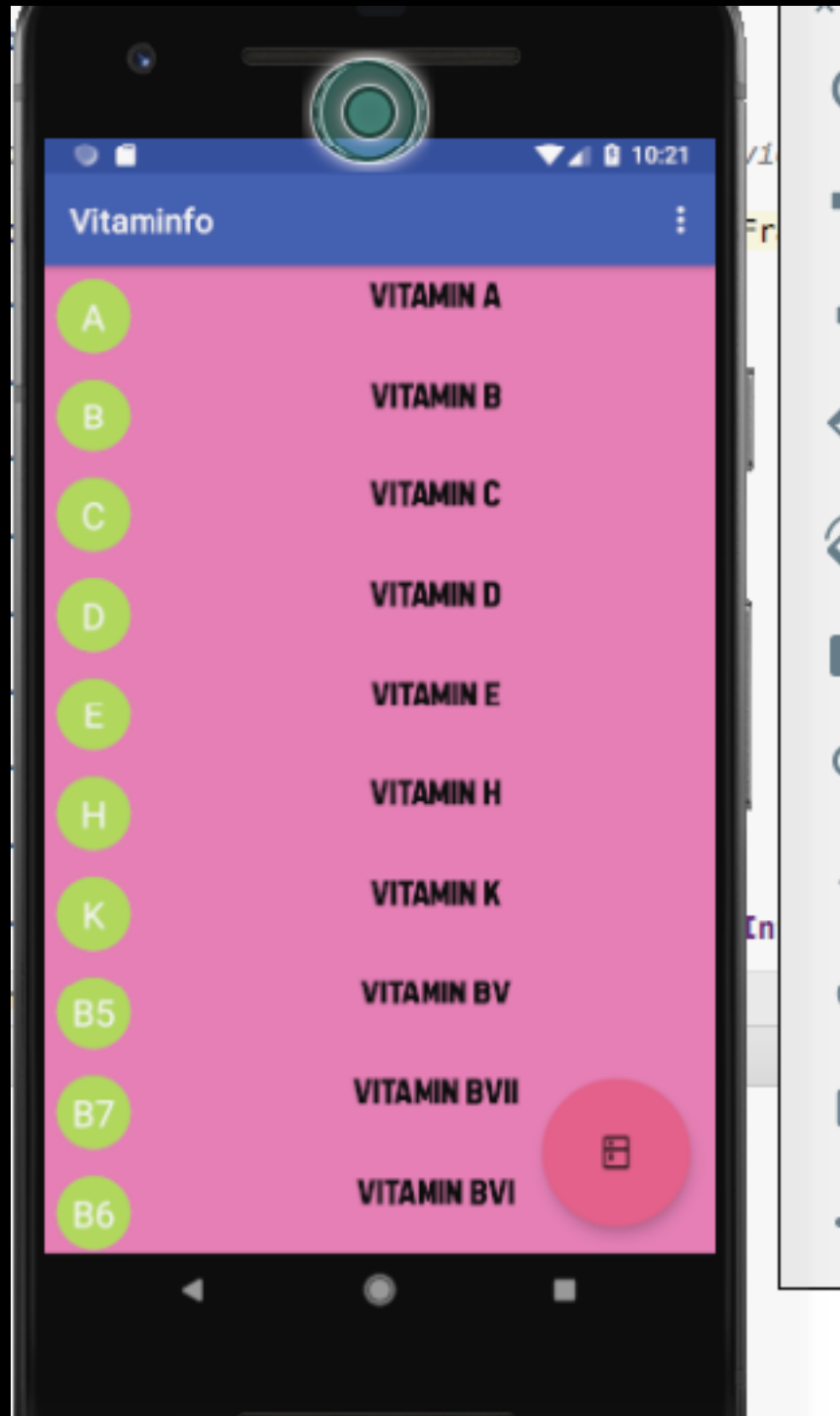
Features of the App

- A recycler view that lists all the vitamins on the first activity.
- Once you click on a certain vitamin from the list, you are taken to another activity.
- That second activity contains all the foods that have that vitamin.
- If you click on a certain food from the list, it will take you to another activity that has that food's Nutritional information.
- The app also has a calorie counter that is accessed Through the floating button.

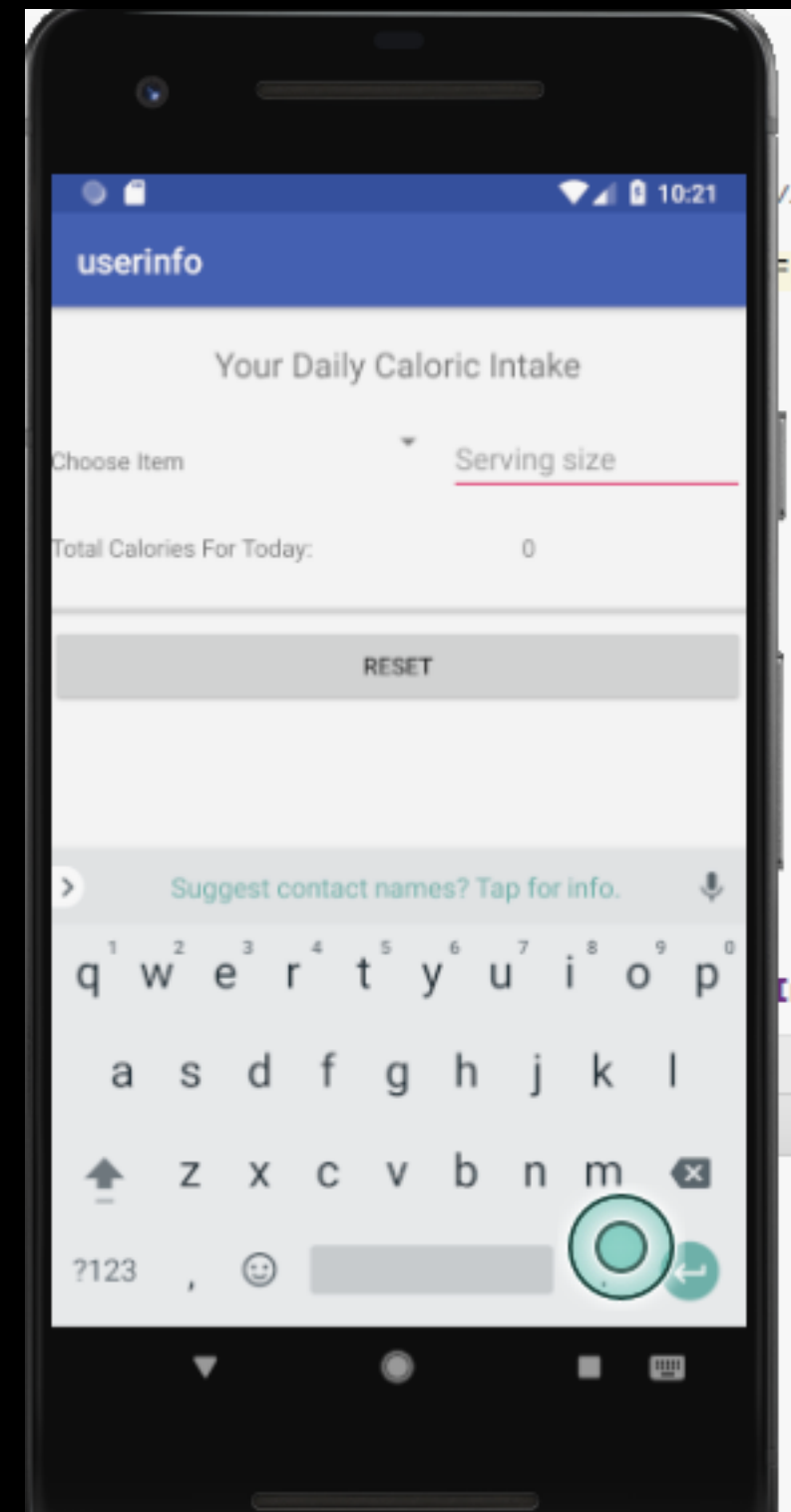
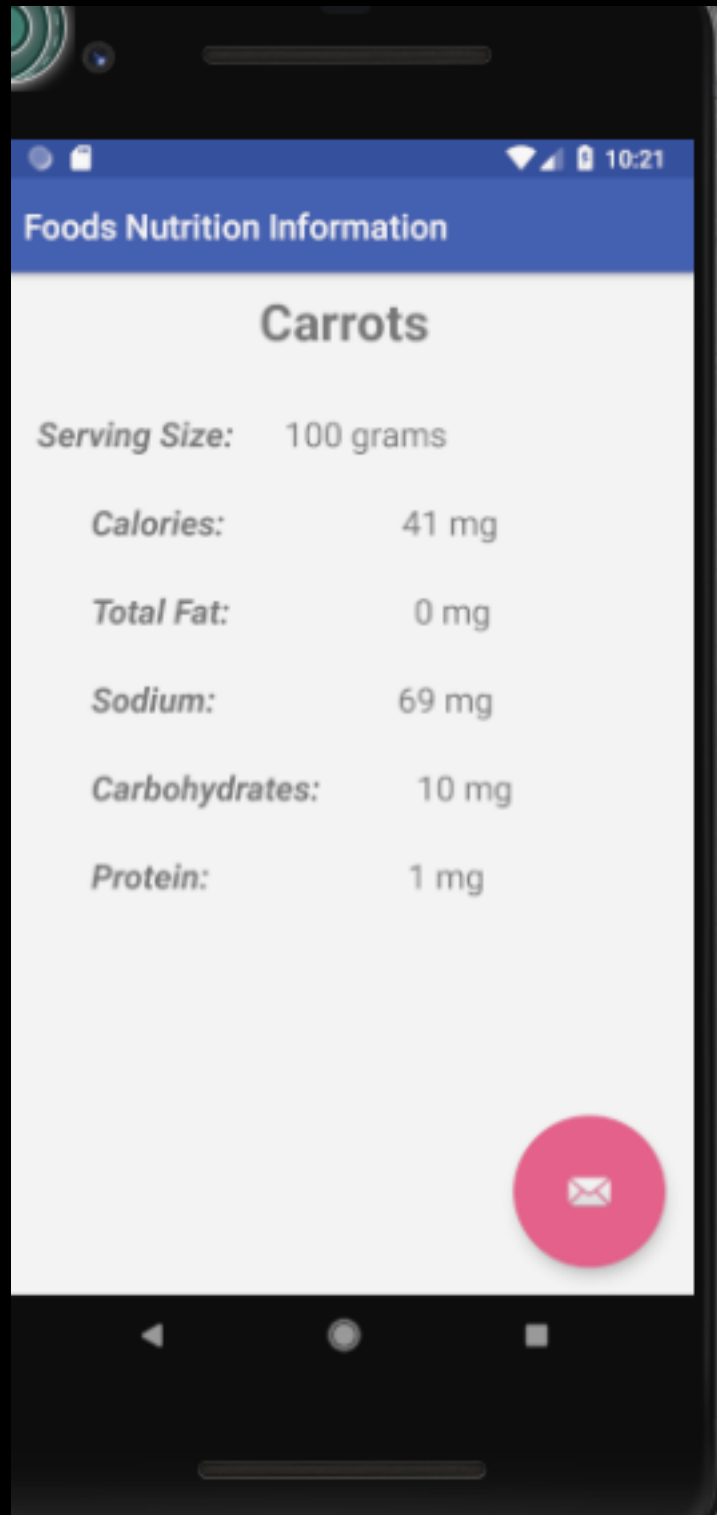
Technology

- RecyclerView: We used a recycler view for lists.
- OnClickListener: We used on click listeners for Many options.
- Material Design: We used some aspects of material design to make the app look decent.
- Fragments: We used fragments in every activity.

Screenshots



ScreenShots



YouTube

Link: <https://youtu.be/hSpcTD-8Pvg>

Status of Dev

There is not enough time to :

1. Get all the nutritional information for all the foods.
2. Get all the foods that have certain vitamins
3. Include all the pictures in the recycler view of every food from a vitamin list.

Problems Encountered

- Encountered a problem passing data between activities.
- Setting up the recycler view.
- Problem with git. App did not always work for both.
- Saving data.