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Overview

This Application is the answer to all the food wastage problems in the commercial hospitality industry. Created using React Native and Expo, it truly is a cross platform application.The idea behind this application is to create a platform where businesses and people can smoothly trade the leftover produce and cooked items. Food base creates this platform between the general public and the businesses. It uses the phone's gps feature to detect the available food around their location.

Problem Solving Idea: 7 tonnes of food is wasted every year in australia. We can save some of it using this app.

Easy Use: The minimalistic design of this application allows all users to fluently flow inside the application.

Specifications

1. **Secure Login:**

   Business users can secure login which uses firebase authentication. The information is stored securely.

2. **Map UI:**

   The Homepage of this application is a smooth map ui where users can browse among various locations and different types of food.

3. **Google maps api:**

   Google API enables the application to access necessary information.

4. **Map navigation:**

   Navigating and looking for venues around the current location.

5. **Data storage:**

   Secure data storage, real time firebase data.

Boundaries:

No Delivery:

This application does not feature any delivery because I wanted for the users to go pick up the food themselves so they can decide whether they want it or not.

Health Regulations:

As this application offers a platform to trade leftover food and produce, we might run into legal health regulations that oppose this idea.
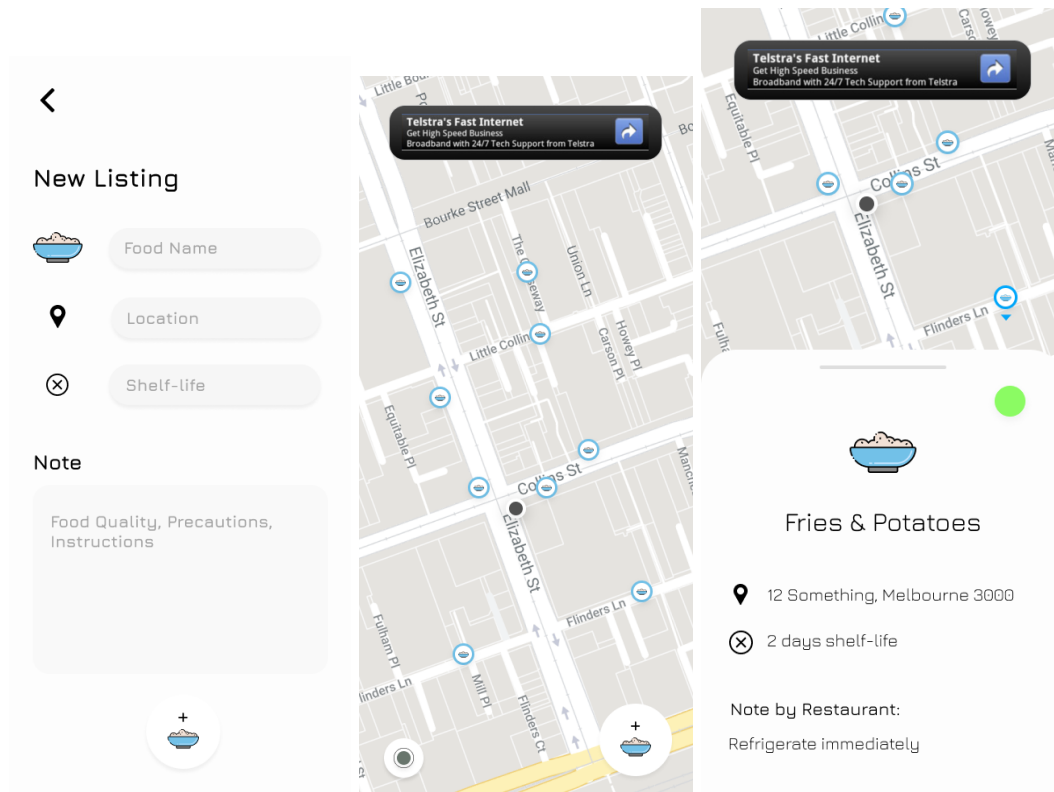
Aim Of Development:

We have terrifying data and studies that have resulted in information that claims that Australia alone wastes $20 billion dollars a year and about 71 million tonnes of food in total each year. We are the only country after America and Mexico that waste this amount of food.

Analysing all this data. I decided to make this application. It was the perfect solution to minimise waste. If we could just connect these businesses to the local people and create a platform where this can occur.

As i Keep developing this application I hope it will be helpful for people who are in need of food and support. The food would be better consumed than to contribute to the total waste.

GUI Mockups

Inspiration

Bring Me Home

This application is similar to the idea of food base however this allows businesses to put listings of how much food they have left and get them at a discounted price.The drive of their company is also to minimise restaurant food wastage and deliver them to people who are in need.

Application Github LInk:
https://github.com/samyam50/FoodBase

Demos are uploaded in the link.