Making recipes readable again

Group 12
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Project Description

- Densely packed recipe websites
  - Large amounts of additional information
  - Advertisements
  - Irrelevant pictures
  - Personal anecdotes from the author
- Android & iOS supported mobile application
  - Users input recipe website URL
  - Ingredients and instructions are outputted to the user
  - Data can be modified for additional ease
    - Units/portions/font/ads

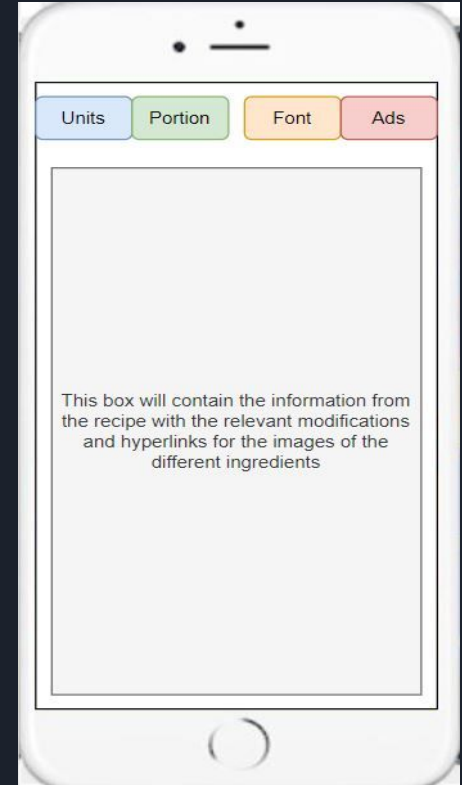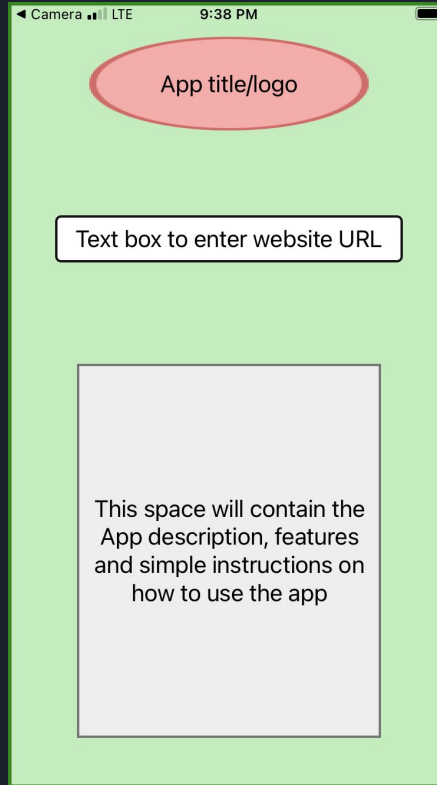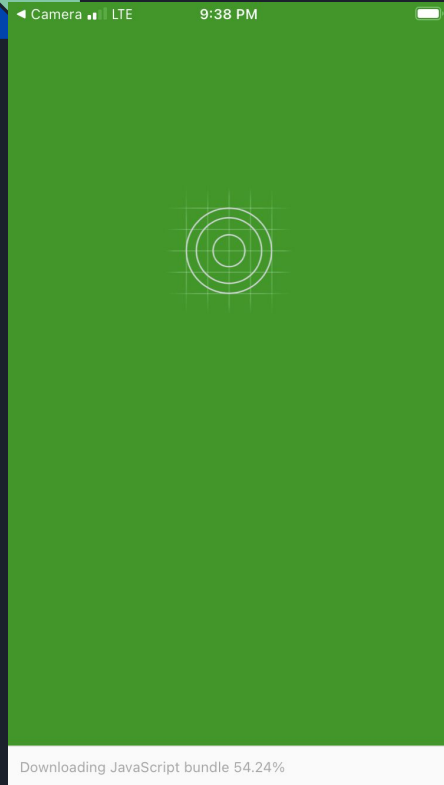# Project goals & technical challenges - frontend

Goals:

- React Native mobile app
- Implement front end components and UI
- Fully functional pages and user features

Technical challenges:

- Familiarity with React Native and emulator software
- Suitable UI design and features.

App design and Proof of Concept

App title/logo

Text box to enter website URL

This space will contain the App description, features and simple instructions on how to use the app

Units	Portion	Font	Ads

This box will contain the information from the recipe with the relevant modifications and hyperlinks for the images of the different ingredients

Project goals & technical challenges - backend

Goals:

- Local backend setup
- Minimal user interaction
- Should be able to interpret and manipulate scraped data

Technical Challenges:

- Familiarity with local database structures
- Deciding which database program will be most beneficial to our application
- Keeping user interaction with the backend to a minimum

Project goals & technical challenges - web scraping

Goals:

- Scrape only the relevant recipe data
- Be able to scrape majority of major recipe websites

Technical Challenges:

- Parsing data into useful format