# REZO (Recipe Zone) APP

*Stay safe with healthy food!*

# Our Team

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## Dazzling Dynamites

# Project Overview

Our Project idea is to develop a mobile app, ***Recipe Zone*** that shows the user about the instructions on how to prepare a specific food item along with the additional  information like the ingredients, nutrients, servings, and preparation time.

The user can use the dropdown menu to select a food recipe.

After which the user can add a ***specific food recipe to the wish list*** if they like the recipe and scroll through the wish-listed food recipes later.

# Software Requirements

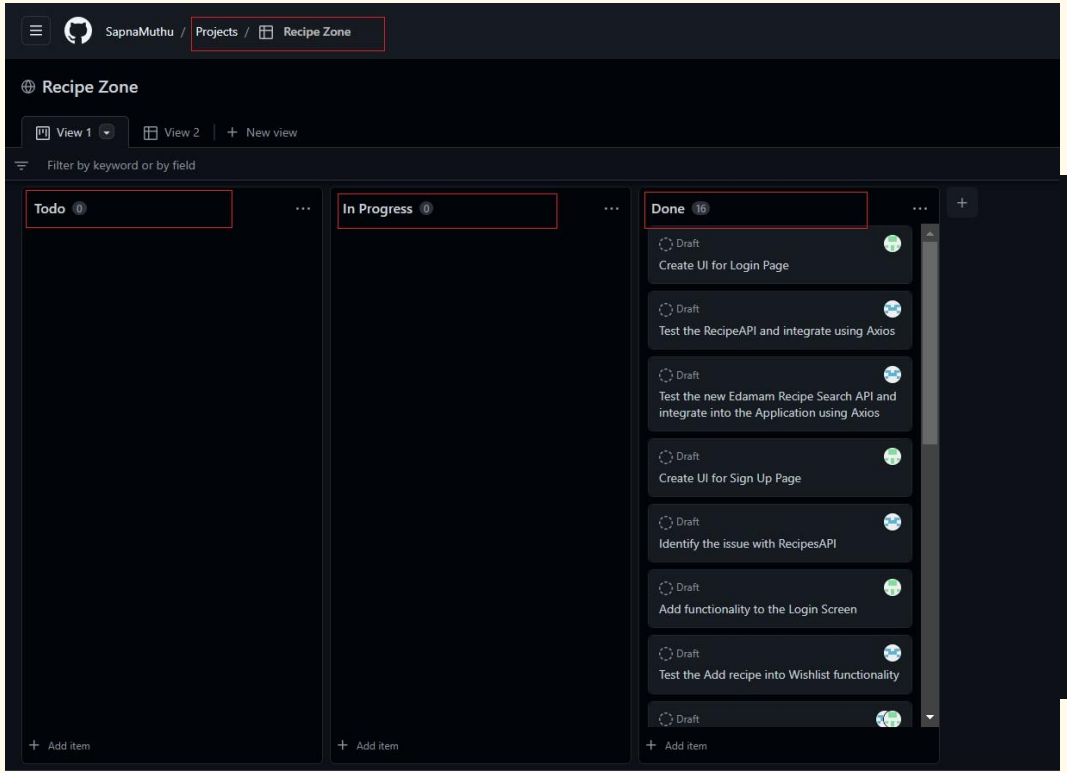
## Tools used

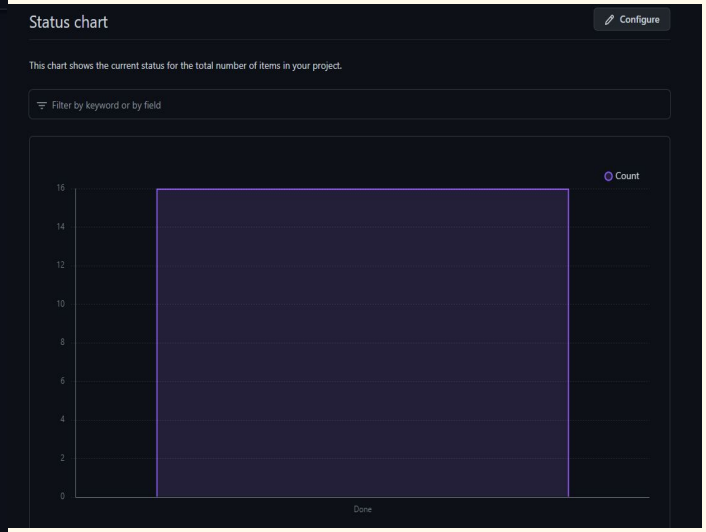
- ***Expo CLI*** and ***React Native*** is used to Build the Application.
- ***Firebase User Authentication*** is used to Authenticate the existing user and to create a new user.
- ***Firebase Database*** is used for the Mobile Backend.
- ***Edamam Recipe Search API*** is used extract the recipe details along with the ingredients, nutrients, and servings for a particular food item.
- ***Firebase Analytics*** is used for data analytics and research purposes.

# What has changed since the midterm?

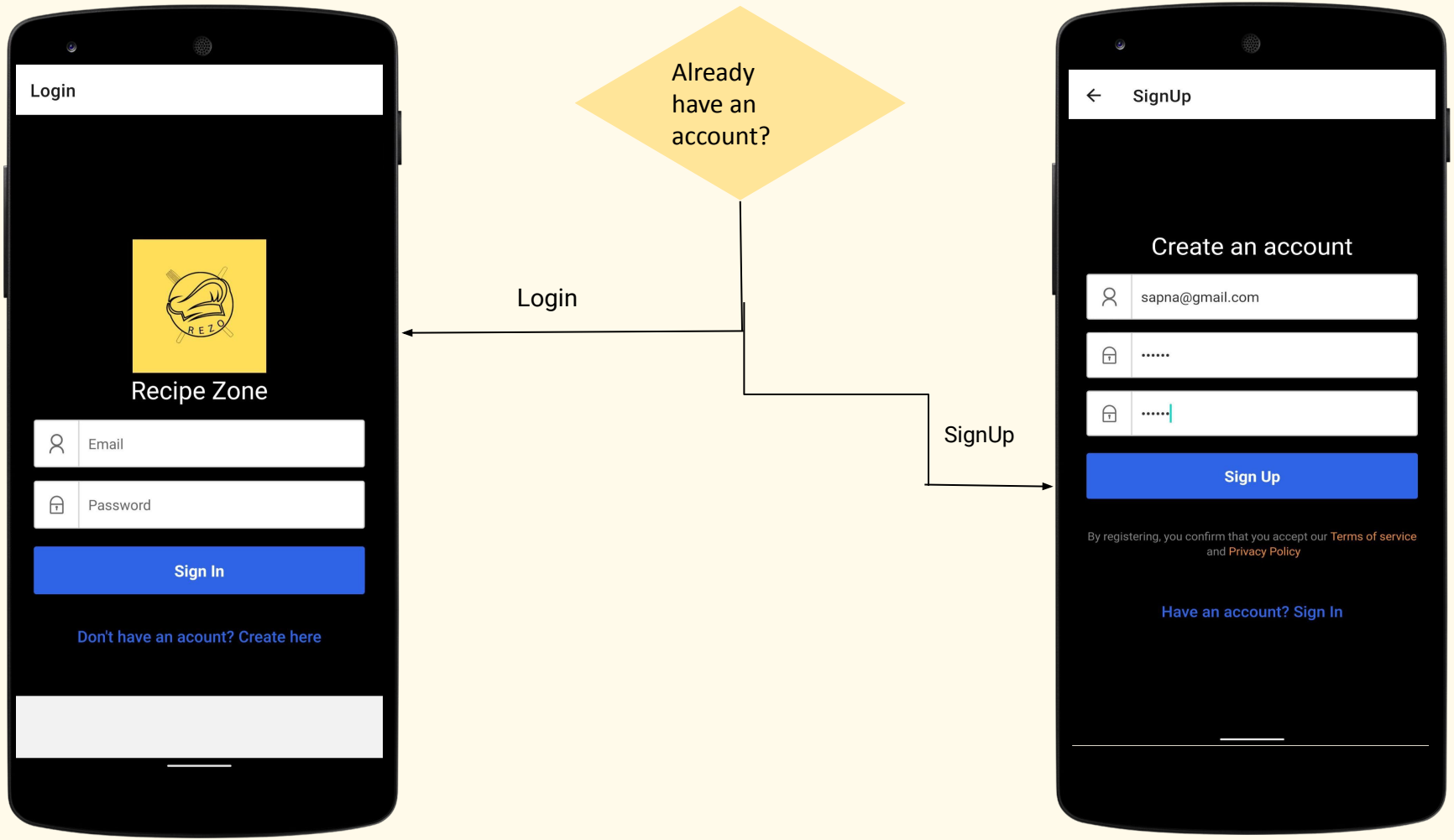
- Actual Development of the Application was initiated by setting up the ***Development Environment***.
- All the ***packages/dependencies in React Native*** were installed successfully. We have designed a new logo for our application.
- ***Class Diagram*** *and* ***Object Diagram*** helped us in determining the attributes required under each class and the visibility of them.
- We were having issues with the RecipesAPI , and later we found a new Recipe Search API called as ***Edamam API*** which was suitable for our requirement.
- ***Firebase Configuration*** was done to ensure that the mobile backend integration is successful.
- We made use of the ***Minutes of meeting*** to update the progress of the application each week , which was helpful in meeting the project deadline.
- We were able to gather all the ***Functional and Non-functional Requirements*** of the application.

# Traction


SapnaMuthu / Projects / Recipe Zone
Recipe Zone
View 1
View 2
New view
Filter by keyword or by field
Todo 0
In Progress 0
Done 16
Draft
Create UI for Login Page
Draft
Test the RecipeAPI and integrate using Axios
Draft
Test the new Edamam Recipe Search API and integrate into the Application using Axios
Draft
Create UI for Sign Up Page
Draft
Identify the issue with RecipesAPI
Draft
Add functionality to the Login Screen
Draft
Test the Add recipe into Wishlist functionality
Draft
Add item
Add item
Add item


Status chart
Configure
This chart shows the current status for the total number of items in your project.
Filter by keyword or by field
Count
16
14
12
10
8
6
4
2
0
Done

# Project Demonstration


Login
Recipe Zone
Email
Password
Sign In
Don't have an acount? Create here
Already have an account?
Login
SignUp
SignUp
Create an account
sapna@gmail.com
Sign Up
By registering, you confirm that you accept our Terms of service and Privacy Policy
Have an account? Sign In

14:40

Recipe List

Wishlist

Select a Receipe

Recipe Details:
Recipe Name: Chicken Teriyaki
Calories: 1020.7600000000001
Cuisine Type: japanese
Dish Type: main course
Health Labels Type: Dairy-FreeEgg-FreePeanut-FreeTree-Nut-FreeFish-FreeShellfish-FreePork-FreeRed-Meat-FreeCrustacean-FreeCelery-FreeMustard-FreeSesame-FreeLupine-FreeMollusk-FreeAlcohol-FreeSulfite-FreeKosher
Ingredient Lines: 1 tbsp. vegetable oil4 pieces chicken, trimmed, skin pierced with a fork½ cup Teriyaki Sauce

Chicken Teriyaki has been Saved

Wishlist

Chicken Teriyaki

Receipe Removed

# How to Deploy the App?

There are two ways to deploy the application as given below:

***Approach 1:***

By using the ***git clone*** to clone the project repository and then executing the app.

***Approach 2:***

By downloading the app using ***Expo Go Link*** or by scanning the ***QR code*** and opening the app in Expo Go.

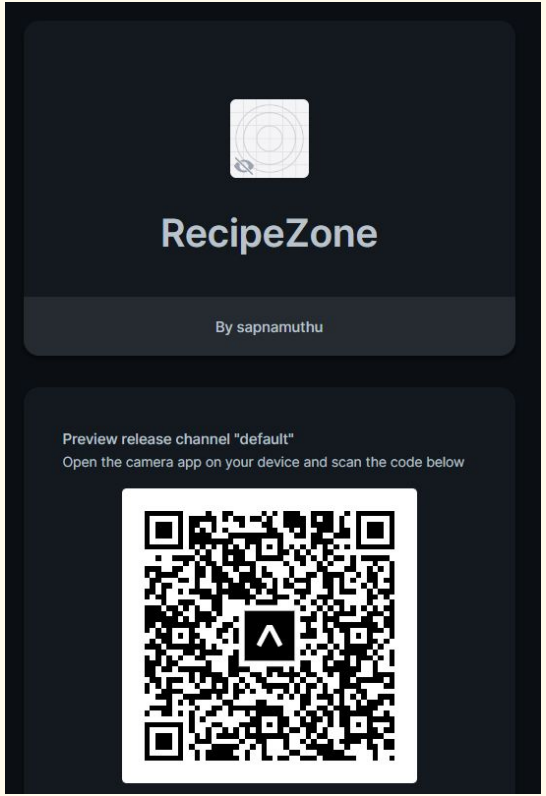
# Deploying the App

## Run Instructions

To clone and run this application, you'll need Git, Expo CLI and Node.js (which comes with npm) installed on your computer. From your command line:

```
# Clone this repository
$ git clone https://github.com/SapnaMuthu/GVSU-CIS641-Dazzling-Dynamites/
# Go into the repository
$ cd GVSU-CIS641-Dazzling-Dynamites
$ cd RecipeZone
# Install dependencies
$ npm install
# Run the app
$ expo start --tunnel
# You will see a QR code and scan the QR code in the Expo GO to see the App.
```

# Downloading the App



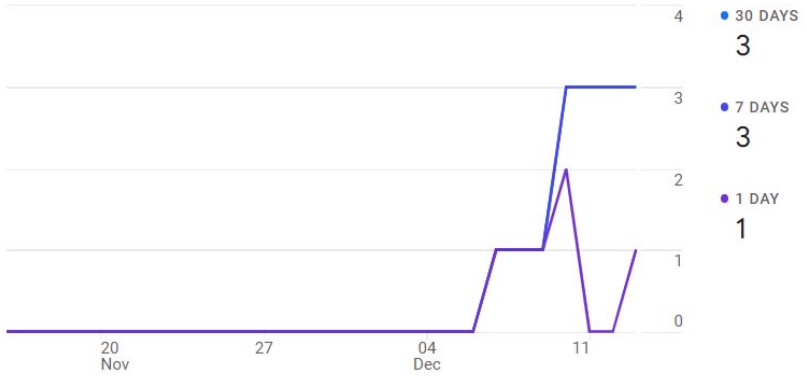

## Download

1. You can run the latest installable version of Rezo App for Android .
2. You will need to open the link and download Expo Go from Playstore to run the App.
3. After that you can Sign up for a new account, and Login to the Home Screen.
4. Select a recipe from an available list and you will see the results displayed in the screen.
5. You can add a recipe to Wishlist and delete an item from Wishlist.
6. You can click on the Logout button on the top left to exit from the app.

https://expo.dev/@sapnamuthu/RecipeZone

# Firebase Analytics

User activity over time




## Event count by Event name

| EVENT NAME | EVENT COUNT | |
|---|---|---|
| screen_view | 147 | - |
| session_start | 8 | - |

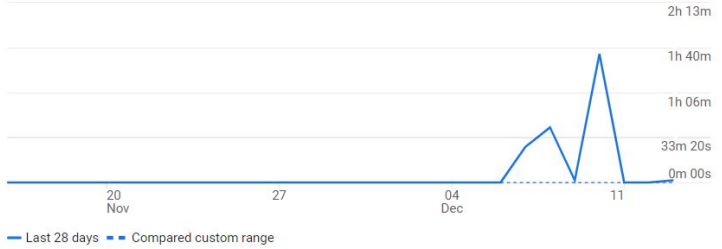
## App stability overview

| APP | CRASH-FREE USERS |
|---|---|
| | 100.0% - |

Average engagement time
1h 26m
-

Engaged sessions per user
1.7
-

Average engagement time pe
32m 30s
-



## Any Questions?

Reference: https://slidesgo.com/theme/food-delivery-app#search-mobile+application&position-15&results-91&rs=searc