**REPORT**

**Planning Phase:**

We had to do research on what API we should be using in our project - and we found some good ones. Such as food database API, weather API, news API,

**Design Phase:**

For Design, we used a design library which was relatively easy to set up in our react project and has excellent design quality, which is standard and simple at the same time.

Gestalt principles:

While Building React we have only focused on following the simplicity principle in our design so that it may look appealing to each and every user’s eyes.

**Implementation**

There are 3 APIs which we used -

* Weather API - openweatherAPI
* News API - newsapi.org
* Food Database API - edamam.com

Functions used:

- App

- Dashboard,

- NewsAPI

- Signup

- SignIn

- Calculator

- WeatherAPI

- FoodPage

- Header

- Product Stock

- Profile

- Search Weather

- Firebase Authentication

- AppProvider

-AuthContext

Hooks Used

-UseContext,

-location,

-useState,

-useEffect

**Roadblocks:**

we didn’t get much of roadblocks as we had taken references from the lectures, the only roadblock we had was accessing all user information.

**Participation Report:**

For this Assignment, we as a group have contributed our participation as follows:

1. Muskan Malik: Worked on SignIn/SignUp, News Feed
2. Lakhwinder Singh: Worked on Calculator and Dashboard
3. Xi Yao: Worked on Weather and Food Feed.

We all finalized the document altogether.