Group 15

Abdulaziz Alghamdi (Aziz), Rania Ehsan

Cooking Website

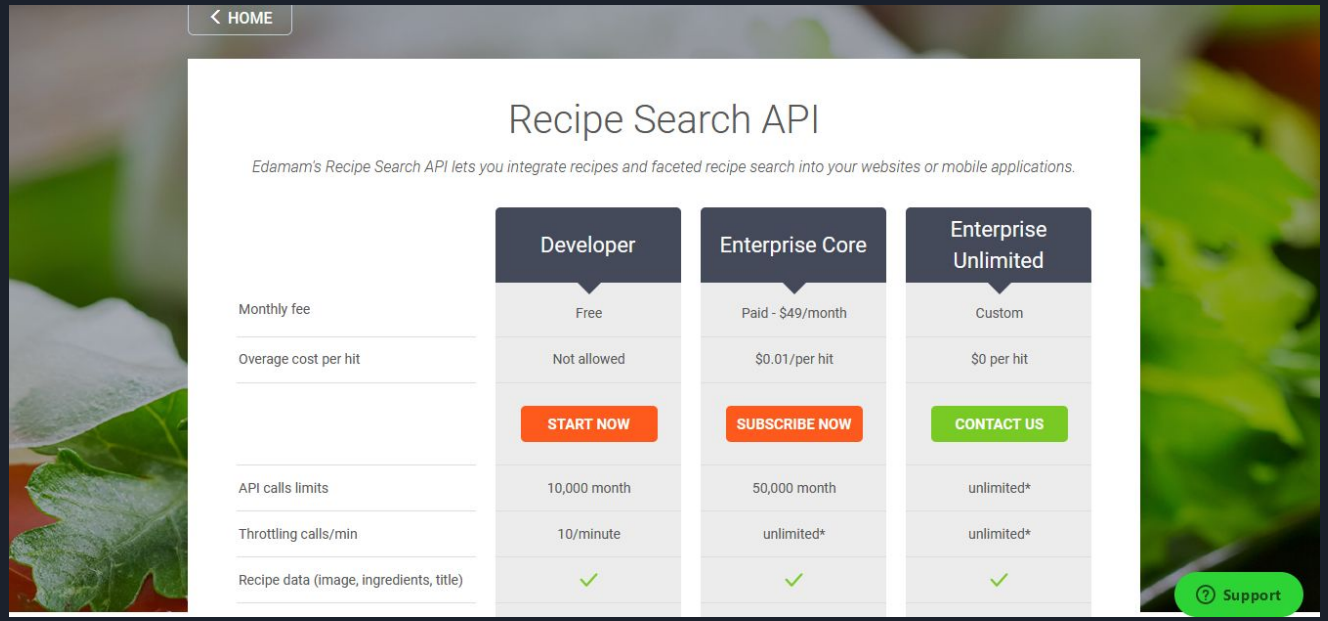
It will give users the option to look up recipes based off of what cuisine it is that they are looking for.
It also has the ability to show you recipe ideas based off of what ingredient you may have.
In a nutshell, it is a recipe look-up website.

Purpose

For international students, one of the things that alleviate the feeling of chronic homesickness is being able to eat the food that we love and are so used to.
As a college student it is just better to cook at home. It is healthier and more cost effective.

API

EDAMAM



For this we are using a Recipe Search API called EDAMAM.
The recipes that the user would be able to look up using our website will be pulled from this API
EDAMAM is free and it has a number of different food based API's that people can use, that being there is Nutritional Analysis API, Food Database API and Recipe Search API.
We are using the Recipe search API, with this one there are a lot of different kinds of recipes from different countries and considering various dietary restrictions.

ReactJS/NodeJS

For this website we mostly used ReactJS along with NodeJS.

Both ReactJS and NodeJS are JavaScript technologies, NodeJS over here is mostly used for the back end framework.

We used ReactJS to help us develop the user interfaces.

AXIOS

To have all the functionality of the API we also used Axios.

Axios is a JavaScript library used to make HTTP requests from NodeJS or XMLHttpRequests from the browser that supports Promise API.

The Promise object basically in a nutshell represents the eventual completion or failure of completion of an asynchronous operations and any of its resulting values.

Promise is basically a proxy for a value that we do not know yet while we create the promise.

```
const myPromise = new Promise((resolve, reject) => {
  setTimeout(() => {
    resolve('foo');
  }, 300);
});

myPromise
  .then(handleResolvedA, handleRejectedA)
  .then(handleResolvedB, handleRejectedB)
  .then(handleResolvedC, handleRejectedC);
```

Web Deployment

For this project we have decided to use Google Cloud to deploy our website.

It was one of the easiest to understand how to do from my part.

It also protects your data, applications, infrastructure, and consumers from fraudulent activities, spam, and abuse.

It uses the same infrastructure and security services that Google uses.

Communication

We used mostly Discord to coordinate working together and keep track of the tasks that we were doing.