FOOD WEB APP

Web App Development

Abstract

This is an overview of my app that uses CRUD and also how-to code operates.

Micheal Dunne

20075482

Contents

Web App Description

Food app that you can see different types of food and add update remove it.

App

What contains in app is the navigation bar that allows me to move from page to page with ease. It also servers the purpose of allowing a user to login in and signup. Also, in this it handles the background colour of blue that keeps it clean.

Home Page

What contains in the home page is a welcome to the site and my name.

Food

In the Food page is where I was able to show all the food that is in the database. What this data showed was the type of course that the food is. It also contained the name of the food items, upvotes, content, upvote, remove and edit(vuetable).

I can filter the data by course food item and the upvotes. This would filter by letter and number. If I put in s in course, it would show me all the starters and deserts as they both contain s. I can continue with t and it will only show the starters. This works the same with Food items and the upvotes.

The content button will show a popup of the title description and an image of the food(vuesax). We can then see this food that has been added and everything with it. We can then close this popup by pressing the x on the top right-hand side of the popup. This would take us back to the main page. The upvote allowed us to like the food. This would also trigger a little notification on the bottom of the screen saying that you upvoted the food(vuesax). It would also then change the number on the upvotes tab by increasing it by one. In the remove section is where when pressed would give you an alert saying are you sure you want to delete this item and you can either say ok delete it or cancel. This would then say if successful that you deleted it or if not that it did not go through. If it went threw it would then delete that item from the database. The edit would allow you to alter the inputs. This would change it. It would take you to a new page that would show you a place where you can change the details of the food.

Add Food

In the add food this is where you can add food to the database. You can click on a dropdown to choose the course that you want you can chose between a starter, main and a desert. You can then name the food of what you want and give a description on it and then give a URL of that food then you can post it up to the database. On the bottom corner of the screen it will give you a prompt showing if the food has been uploaded to the database and if no it will give you an error saying that did not work. This will then be displayed back onto the food list page.

Map

For the map I used google maps where I can see a map that allows the user to find a place to sit down and eat or to find a shop to buy some food. This also redirects you to google maps main page if you are looking for directions.

Information

This is a brief description of the app and a link to my GitHub.

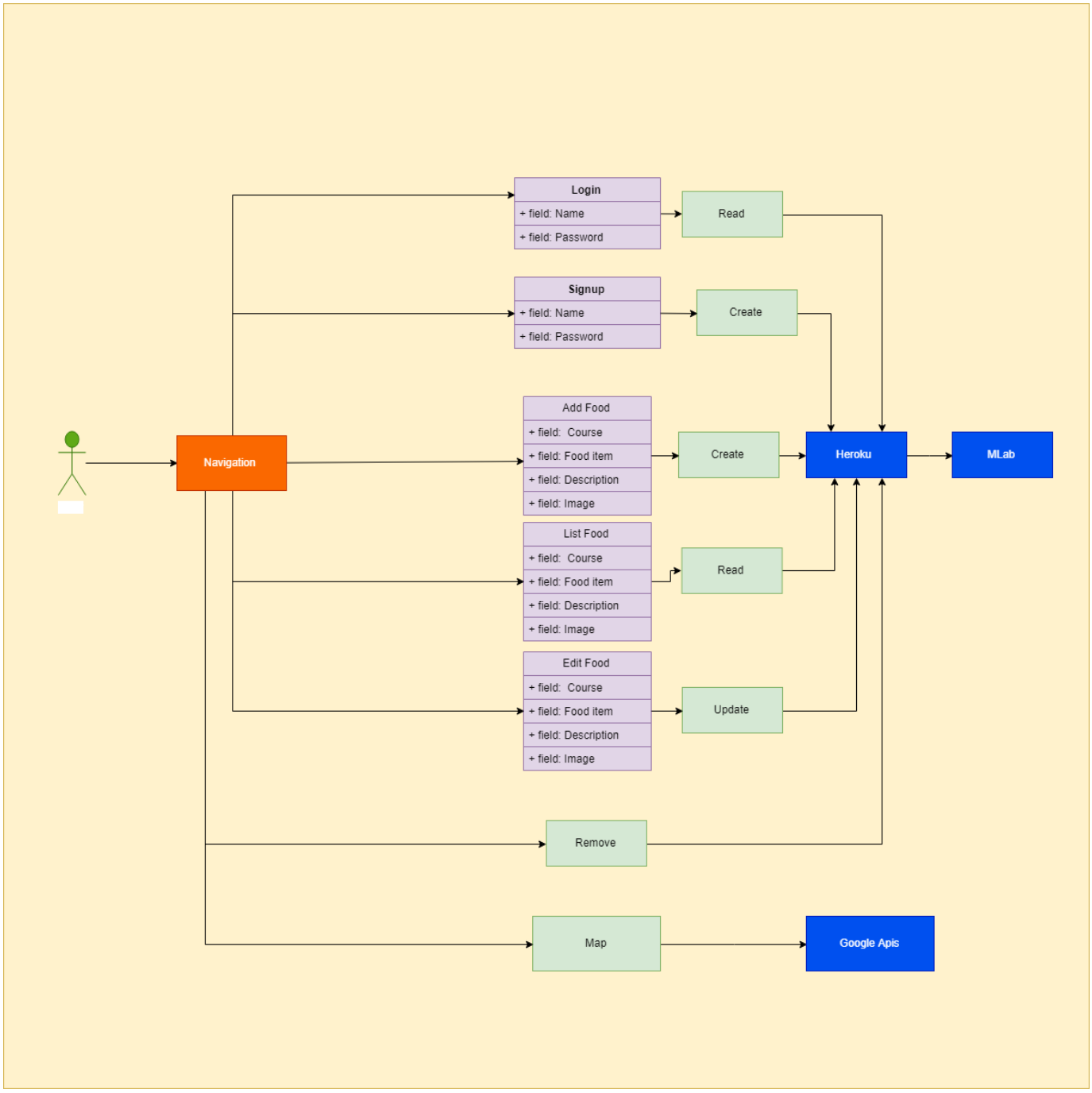
Login

When the login button is pressed it will bring up a popup that allows the user to select whether they want to login or signup. Once they user logged in it is supposed to close the popup and also input the name of the user beside the login button. The problem that I encountered was it would give me an error where it would allow me to send the data to my backend and my backend would then send the data back to my frontend this is where the error would occur and it would freeze the app and also crash Heroku. When I used my Signup feature it would allow me to add a user in to the database. It would then close the popup.

Frameworks and APIs

- VueSax: https://lusaxweb.github.io/vuesax/
    - Used for a popups, notifications and input box.
- VueSweetAlert: https://www.npmjs.com/package/vue-sweetalert2
    - Used for if wanting to delete the food and the popup.
- Vue Tables: https://www.npmjs.com/package/vue-tables-2
    - Used to show all the data from the database
- Google Maps: https://www.maps.ie/create-google-map/
    - Used on the maps section to show off the maps
- Firebase: https://console.firebase.google.com/u/0/
    - Used to deploy it to the internet
- Vuelidate: https://monterail.github.io/vuelidate/#getting-started
    - Used in forms to validate that it was the right sizes.
- VueForm: https://www.npmjs.com/package/vue-form
    - Used to import a view in to another vue component.
- Vue: https://www.npmjs.com/package/vue
    - Used as the main framework where everything is imported to.

UML Diagram


Login
+ field: Name
+ field: Password
Read
Signup
+ field: Name
+ field: Password
Create
Add Food
+ field: Course
+ field: Food item
+ field: Description
+ field: Image
Create
Heroku
MLab
Navigation
List Food
+ field: Course
+ field: Food item
+ field: Description
+ field: Image
Read
Edit Food
+ field: Course
+ field: Food item
+ field: Description
+ field: Image
Update
Remove
Map
Google Apis

Design Schemas

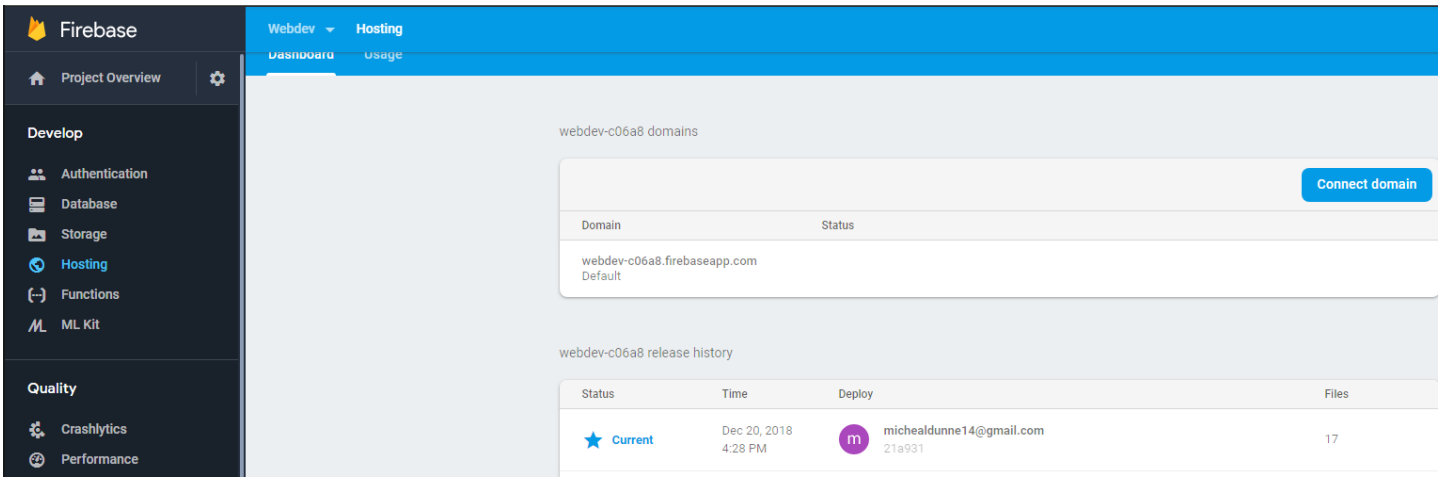
Food Schema

```
{
    "coursedinner":"This is the course that you will use starter,main,desert",
    "fooditem": "This is the food name",
    "description":"A description on the food",
    "image":"image to go with the food",
    "upvote":"Like the Food"
}
```

User Schema

```
{
    "aultName":"UserName for user",
    "aultPassword": "Password for user",
    "Salt":"Random Data for hash"
}
```

Deployed to Firebase



I was able to get the app launched up to firebase and this would be available to everyone.

Link to Github:

https://github.com/michealdunne14/FoodWebApp

Video:

Food App: https://youtu.be/8y0kz8j2aDI

References:

David Drohan: ddrohan.github.io

Firebase Deploy: https://youtu.be/aICeVhu2mAE

Vue Props: https://youtu.be/9qqFH60isFc