先完成

Tailwind CSS 安裝步驟｜Vue

Vue 3 + Vite in 2021 (Tailwind CSS, Vue Router, Vuex, ESLint & Prettier)

npm install -g @vue/cli @vue/cli-service-global

vue create vuetemplate3

或是直接

git clone https://github.com/ryowuandjanet/vuetemplate3.git

安裝 Bootstrap@5.1

npm i -D bootstrap@5.1

將安裝好的 Bootstrap 引入到 main.js 裡

# main.js

import { createApp } from 'vue'

import App from './App.vue'

import router from './router'

import store from './store'

import './index.css'

import "bootstrap";

import "bootstrap/dist/css/bootstrap.min.css";

createApp(App).use(router).use(store).mount('#app')

npm i firebase

請先輸入專案名稱 >> version9

將 Firebase 設定檔引入到 main.js

# main.js

import { createApp } from "vue";

import App from "./App.vue";

import router from "./router";

import store from "./store";

import "./index.css";

import "bootstrap";

import "bootstrap/dist/css/bootstrap.min.css";

import { initializeApp } from "firebase/app";

const firebaseConfig = {

apiKey: "AIzaSyDZubFSpDf2xGdu5xg8OK7QOacPqU7GAwY",

authDomain: "version9-6695f.firebaseapp.com",

projectId: "version9-6695f",

storageBucket: "version9-6695f.appspot.com",

messagingSenderId: "85299313211",

appId: "1:85299313211:web:97dd1cba31550d712dfa1e",

};

const app = initializeApp(firebaseConfig);

createApp(App).use(router).use(store).mount("#app");

Firestore Database >> 建立資料庫 >> 新增集合 >> 集合ID >> usuarios

npm run dev

建立導航列

touch src\components\Navbar.vue

到https://getbootstrap.com/docs/5.1/components/navbar/去 copy 該程式碼

# src/components/Navbar.vue

<template>

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<div class="container-fluid">

<a class="navbar-brand" href="#">Navbar</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav me-auto mb-2 mb-lg-0">

<li class="nav-item">

<a class="nav-link active" aria-current="page" href="#">Home</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Link</a>

</li>

<li class="nav-item dropdown">

<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-bs-toggle="dropdown" aria-expanded="false">

Dropdown

</a>

<ul class="dropdown-menu" aria-labelledby="navbarDropdown">

<li><a class="dropdown-item" href="#">Action</a></li>

<li><a class="dropdown-item" href="#">Another action</a></li>

<li>

<hr class="dropdown-divider" />

</li>

<li><a class="dropdown-item" href="#">Something else here</a></li>

</ul>

</li>

<li class="nav-item">

<a class="nav-link disabled">Disabled</a>

</li>

</ul>

<form class="d-flex">

<input class="form-control me-2" type="search" placeholder="Search" aria-label="Search" />

<button class="btn btn-outline-success" type="submit">Search</button>

</form>

</div>

</div>

</nav>

</template>

<script>

export default {

name: "Navbar",

};

</script>

# src/App.vue(把全部改剩三行)

<template>

<router-view />

</template>

# src\views\Home.vue

<template>

<Navbar />

</template>

<script>

import Navbar from "@/components/Navbar.vue";

export default {

name: "Home",

components: {

Navbar,

},

};

</script>

上述的@/components指的是相對位置src/components

不過要到vite.config.js裡去設定

# vite.config.js

import { defineConfig } from "vite";

import vue from "@vitejs/plugin-vue";

import path from "path";

export default defineConfig({

plugins: [vue()],

resolve: {

alias: {

"@": path.resolve(\_\_dirname, "./src"),

},

},

});

import { defineConfig } from "vite";

import vue from "@vitejs/plugin-vue";

import path from "path";

export default defineConfig({

plugins: [vue()],

server: {

port: 3000,

host: true,

},

resolve: {

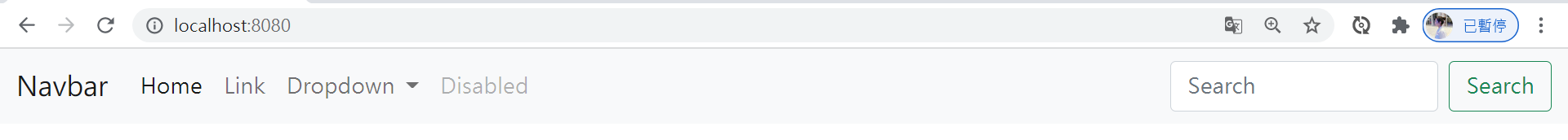
alias: {

"@/": `${path.resolve(\_\_dirname, "src")}/`,

},

},

});



npm install vue-router@next -S

(選項：使用vite建立專案時設定)

# src\router\index.js

/\* 路由器模块 \*/

import { createRouter, createWebHistory } from "vue-router";

import Home from "../views/Home.vue";

import Home from "/src/components/Home.vue";

import About from "/src/components/About.vue";

const routes = [

{

path: "/",

name: "Home",

component: Home,

},

{

path: "/about",

name: "About",

component: About,

},

];

const router = createRouter({

history: createWebHistory(),

routes,

});

export default router;

把https://arduinoes.github.io/VueFirestore/vue/#script-tabla的下列程式碼

<template>

<Navbar />

<div class="container">

<table class="table">

<thead>

<tr>

<th scope="col">id</th>

<th scope="col">Nombre</th>

<th scope="col">Correo</th>

</tr>

</thead>

<tbody>

<tr v-for="(item, index) in usuarios" :key="index">

<th scope="row">{{index}}</th>

<td>{{item.nombre}}</td>

<td>{{item.correo}}</td>

</tr>

</tbody>

</table>

</div>

</template>

取代src/views/Home.vue的<template>...</template>

把https://arduinoes.github.io/VueFirestore/vue/#script-tabla的下列程式碼

<script>

import Navbar from '@/components/Navbar'

import { collection, getDocs } from 'firebase/firestore';

import { db } from "../main";

export default {

name: 'Home',

components: {

Navbar

},

data() {

return {

usuarios: []

}

},

methods: {

// GET / OBTENER / Consulta instantánea

async obtenerDatos() {

const querySnapshot = await getDocs(collection(db, "usuarios"));

querySnapshot.forEach((doc) => {

let usuario = doc.data()

usuario.id = doc.id

this.usuarios.push(usuario)

console.log(usuario)

});

},

},

mounted() {

this.obtenerDatos();

},

}

</script>

取代src/views/Home.vue的<script>...</script>

#src/main.js

import { createApp } from 'vue'

import App from './App.vue'

import router from './router'

import store from './store'

import "bootstrap";

import "bootstrap/dist/css/bootstrap.min.css";

import { initializeApp } from "firebase/app";

import { getFirestore } from "firebase/firestore"

const firebaseConfig = {

apiKey: "AIzaSyDZubFSpDf2xGdu5xg8OK7QOacPqU7GAwY",

authDomain: "version9-6695f.firebaseapp.com",

projectId: "version9-6695f",

storageBucket: "version9-6695f.appspot.com",

messagingSenderId: "85299313211",

appId: "1:85299313211:web:97dd1cba31550d712dfa1e"

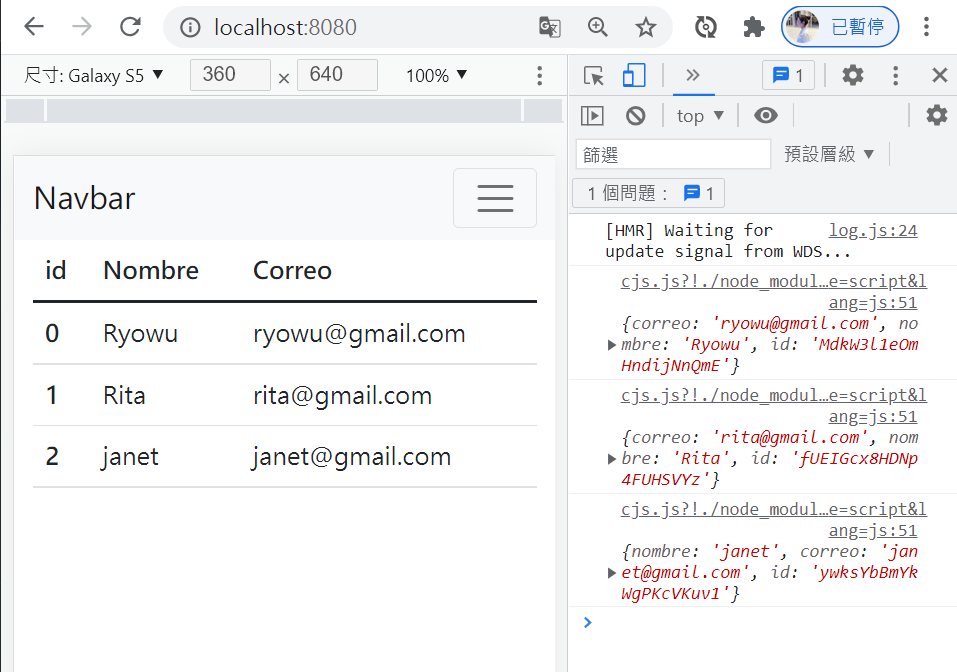
};

const app = initializeApp(firebaseConfig);

const db = getFirestore(app);

export { db }

createApp(App).use(store).use(router).mount('#app')



3.添加添加和刪除數據、表格

把https://arduinoes.github.io/VueFirestore/vue/#add-agregar-datos-firestore的下列程式碼

程式碼3-1

<div class="container my-4">

<form>

<div class="input-group mb-3">

<span class="input-group-text">Nombre</span>

<input v-model="usuario.nombre" type="text" class="form-control">

</div>

<!-- Correo -->

<div class="input-group mb-3">

<span class="input-group-text">Correo</span>

<input v-model="usuario.correo" type="text" class="form-control">

</div>

<!-- Botone Guardar -->

<div class="mt-3">

<button @click.prevent="agregarDato()"

class="btn btn-primary">Guardar

</button>

</div>

</form>

</div>

程式碼3-2

async agregarDato(){

const docRef = await addDoc(collection(db, "usuarios"), {

nombre: this.usuario.nombre,

correo: this.usuario.correo

})

.then(() => {

console.log("Documento añadido");

})

.catch(function(error) {

console.error("Error al añadir el documento: ", error);

});

},

src/views/Home.vue

<template>

<Navbar />

<!—貼到這裡(程式碼3-1) -->

<div class="container">

......

</template>

<script>

import Navbar from '@/components/Navbar'

import { collection, getDocs, addDoc } from "firebase/firestore";

import { db } from "../main";

export default {

name: 'Home',

components: {

Navbar

},

data() {

return {

usuarios: [],

usuario: {

nombre: '',

correo: ''

}

}

},

methods: {

// GET / OBTENER / Consulta instantánea

async obtenerDatos() {

const querySnapshot = await getDocs(collection(db, "usuarios"));

querySnapshot.forEach((doc) => {

let usuario = doc.data()

usuario.id = doc.id

this.usuarios.push(usuario)

console.log(usuario)

});

},

<!—貼到這裡(程式碼3-2) -->

},

mounted() {

this.obtenerDatos();

},

}

</script>

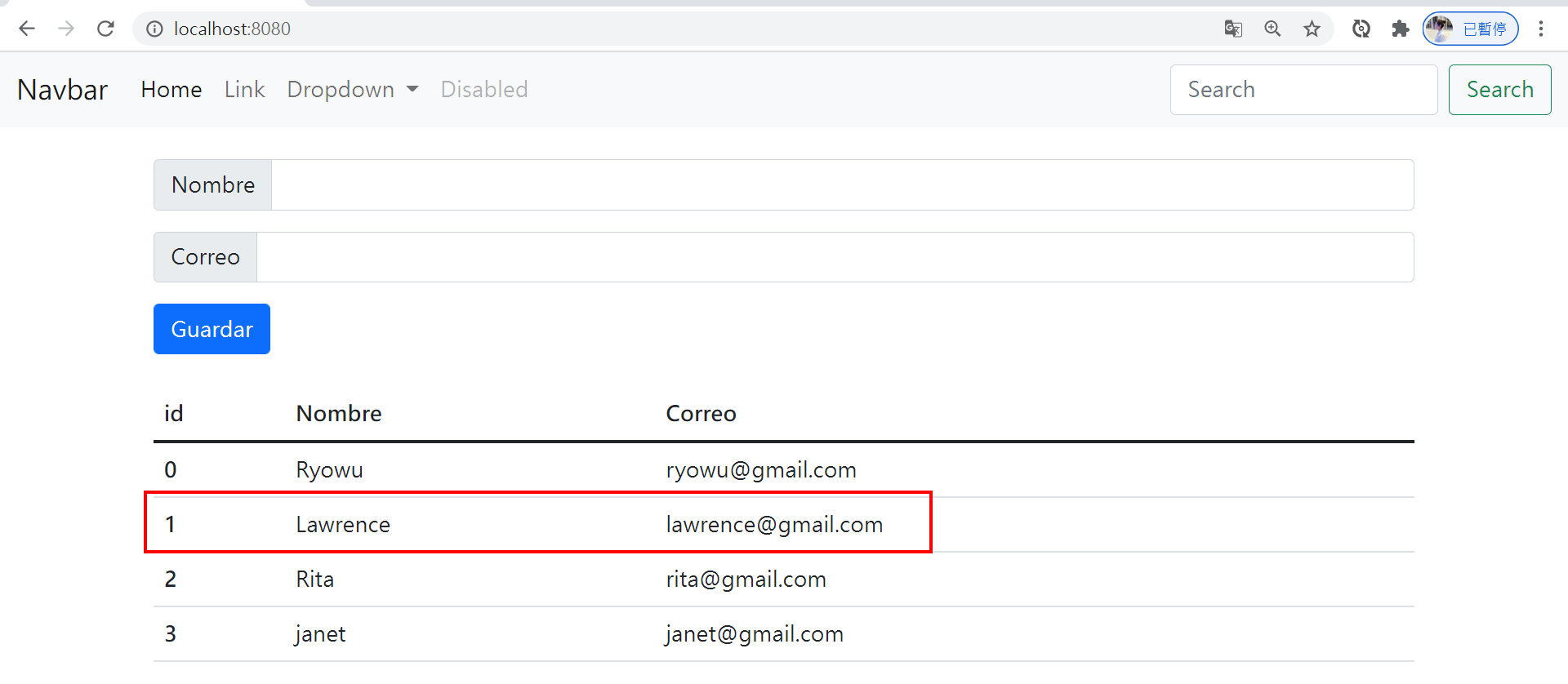


參考資料

https://firebase.google.com/docs/firestore/manage-data/add-data





重新更新後就可以看到剛才新增的那一筆資料了

刪除資料

https://arduinoes.github.io/VueFirestore/vue/#delete-eliminar-firestore

https://firebase.google.com/docs/firestore/manage-data/delete-data



src/views/Home.vue

<template>

<Navbar />

<div class="container my-4">

<form>

<div class="input-group mb-3">

<span class="input-group-text">Nombre</span>

<input v-model="usuario.nombre" type="text" class="form-control">

</div>

<!-- Correo -->

<div class="input-group mb-3">

<span class="input-group-text">Correo</span>

<input v-model="usuario.correo" type="text" class="form-control">

</div>

<!-- Botone Guardar -->

<div class="mt-3">

<button @click.prevent="agregarDato()"

class="btn btn-primary">Guardar

</button>

</div>

</form>

</div>

<div class="container">

<table class="table">

<thead>

<tr>

<th scope="col">id</th>

<th scope="col">Nombre</th>

<th scope="col">Correo</th>

<th scope="col">ID</th>

<th scope="col">Eliminar</th>

</tr>

</thead>

<tbody>

<tr v-for="(item, index) in usuarios" :key="index">

<th scope="row">{{index}}</th>

<td>{{item.nombre}}</td>

<td>{{item.correo}}</td>

<td>{{item.id}}</td>

<td>

<button @click.prevent="eliminarDato(item.id)"

class="btn btn-danger">Eliminar

</button>

</td>

</tr>

</tbody>

</table>

</div>

</template>

<script>

import Navbar from '@/components/Navbar'

import { collection, getDocs, addDoc, deleteDoc, doc } from "firebase/firestore";

import { db } from "../main";

export default {

name: 'Home',

components: {

Navbar

},

data() {

return {

usuarios: [],

usuario: {

nombre: '',

correo: ''

}

}

},

methods: {

// GET / OBTENER / Consulta instantánea

async obtenerDatos() {

const querySnapshot = await getDocs(collection(db, "usuarios"));

querySnapshot.forEach((doc) => {

let usuario = doc.data()

usuario.id = doc.id

this.usuarios.push(usuario)

console.log(usuario)

});

},

async agregarDato(){

const docRef = await addDoc(collection(db, "usuarios"), {

nombre: this.usuario.nombre,

correo: this.usuario.correo

})

.then(() => {

console.log("Documento añadido");

})

.catch(function(error) {

console.error("Error al añadir el documento: ", error);

});

},

async eliminarDato (id){

await deleteDoc(doc(db, "usuarios", id ));

},

},

mounted() {

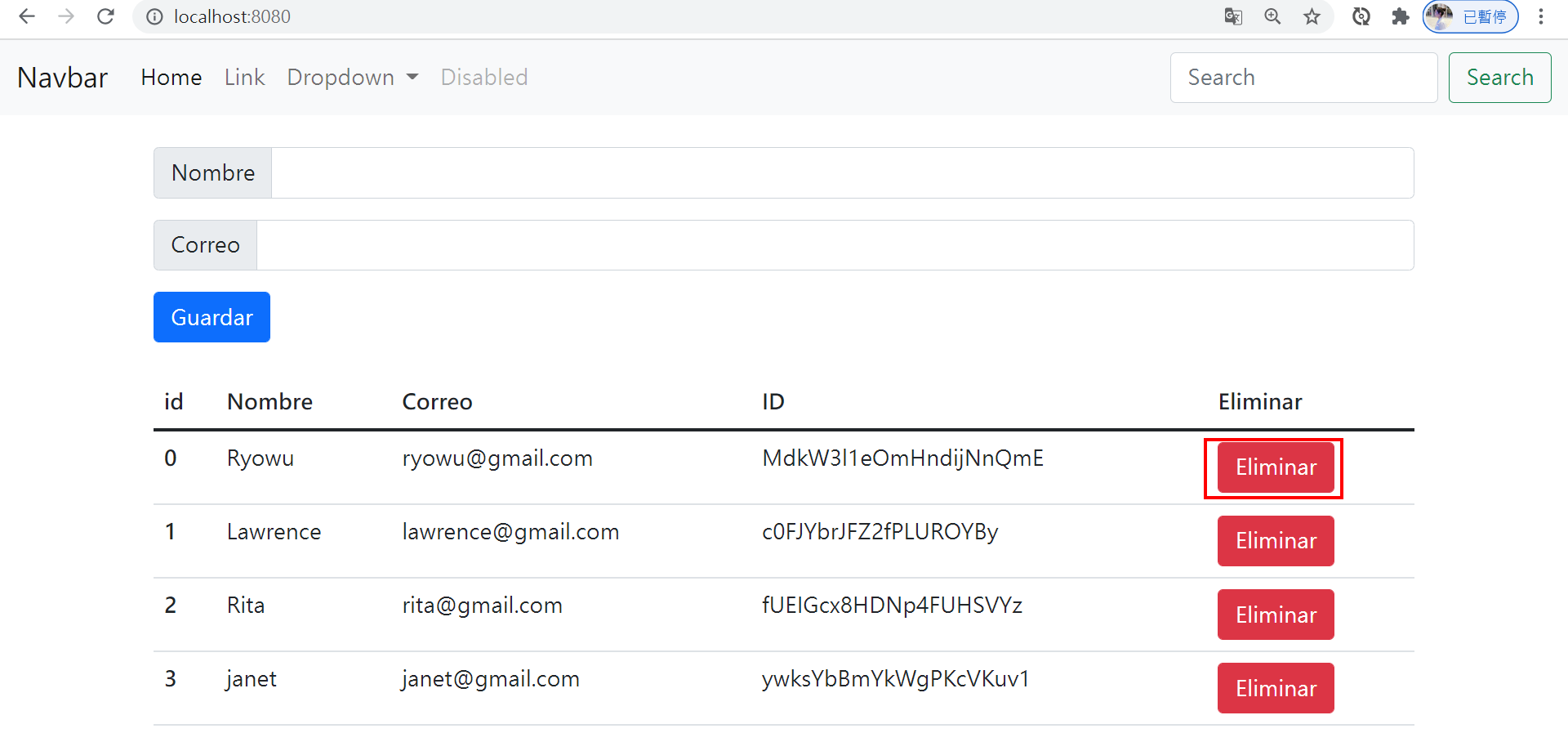
this.obtenerDatos();

},

}

</script>

試著刪除ryowu這一筆資料



更新就可以看到ryowu這一筆資料己被刪除了

