

Table of Contents

1. [Key Classes](#)
 - i. [Page](#)
 - ii. [profileInformation](#)
 - iii. [Session](#)
 - iv. [Updateprofile](#)
 - v. [Upload](#)
 - vi. [User](#)
 - vii. [Config](#)
2. [Database structure](#)
3. [Deployment guidelines](#)

Key Classes

The web application is split into different components into different folders
Below are the folders and the description for each file:

1. [Page](#)
2. [profileInformation](#)
3. [Session](#)
4. [Updateprofile](#)
5. [Upload](#)
6. [User](#)
7. [Config](#)

Page

This contains the components for the page:

- The search bar frontend - search.js
- The search bar function - searchfunc.js
- The search results - results.js
- Account information - account.js
- The Homepage - home.js
- General layout - layout.js

profileInformation

This contains the components for each profile:

- The component that allows for editing, adding and storing the education data - education.js

- The component that allows for editing, adding and storing the experience data - experience.js
- The component that allows for editing, adding and storing the interest data - interest.js
- The component that allows for editing, adding and storing the profile picture data - profilepict.js
- The component that allows for editing, adding and storing the project data - project.js
- The component that allows for editing, adding and storing the skills data - skills.js
- The component that allows for editing, adding and storing the summary data - summary.js

All these components are used within the profile.js file to create the overall profile page

Session

This contains the components for account system

- Login page - login.js
- Signout function - signout.js

Updateprofile

This contains the components for updating the general profile:

- Editing Account Details - accountDetails.js
- Changing password - changePassword.js
- Changing the social media - socialMedia.js

These components are used in the profile.js file

Upload

There are 2 folders here 1 for image upload (upload) and the other for pdf uploading (uploadFile)

- Uploading images - imagesUpload
- Uploading pdf - pdfUpload

User

This contains the signup page

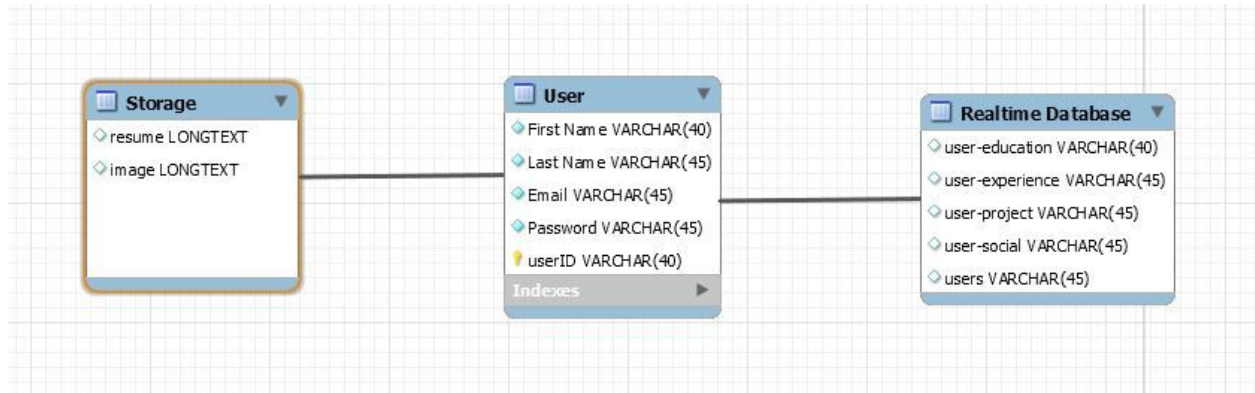
- Signup Page - signup.js

Config

This contains the general routing and authentication of the website

- Routing - route.js
- A function that checks if authentication is required - require_auth.js

Database structure



The Realtime Database and the Storage has a one to one relationship with the User and have the foreign key of the userID. Users in the realtime database describe the extra account details that are not stored in the user database.

Deployment guidelines

To deploy to your site

[Sign into firebase](#)

Create a firebase project

[Register the app with firebase](#) - for further information follow the link

[Add storage capabilities to the app](#)

[Install the Firebase CLI](#)

Run the following command from the root of your local project directory:

```
firebase deploy --only hosting
```

Code depository: <https://github.com/Dragonflies6779/IT-Project-2020>

Currently hosted on: <https://my-portfolio-system.web.app/>