Project Handbook.

Date Ending: Feb 20th 2022.

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This past week I did an in dept firebase course which involved :

* Authentication
* Firebase Storage
* Firebase Realtime Database: Introduction, Structure, Data Types
* Realtime Database CRUD: Create
* Realtime Database CRUD: Update
* Realtime Database CRUD: Delete
* Realtime Database CRUD: Read

All using python and the library Pyrebase.

The reason why this is important is because it will be Python this I will be using to read the sensor data, I need to test the connection and upload data to the database server, or log it using some type of log file system, for now though I’m just testing uploading.

# Authentication.

Authenticate users with their email addresses and passwords. The Firebase Authentication SDK provides methods to create and manage users that use their email addresses and passwords to sign in. Firebase Authentication also handles sending password reset emails.

Graphical user interface, text, application, email

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# Firebase Storage

Cloud Storage for Firebase is a powerful, simple, and cost-effective object storage service built for Google scale. The Firebase SDKs for Cloud Storage add Google security to file uploads and downloads for your Firebase apps, regardless of network quality.

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# Firebase Realtime Database: Introduction, Structure, Data Types.

The Firebase Realtime Database is a cloud-hosted database. Data is stored as JSON and synchronized in realtime to every connected client. When you build cross-platform apps with our Apple platforms, Android, and JavaScript SDKs, all of your clients share one Realtime Database instance and automatically receive updates with the newest data.

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Graphical user interface

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