

Index File

Documentation:

Sub-Folder/File Name	Purpose
<i>Lab 5 (Final Documentation)/SRS Document.pdf</i>	Software Requirements Specification document
<i>Lab 5 (Final Documentation)/UML Diagram.png</i>	UML Diagram for Application
<i>Lab 5 (Final Documentation)/Software Architecture Diagram.png</i>	Architecture and BCE Diagram showing MVC system design
<i>Lab 5 (Final Documentation)/Dialog Map.png</i>	Dialog Map for application
<i>Lab 5 (Final Documentation)/Sequence Diagrams.pdf</i>	Sequence Diagrams for all use cases
<i>Lab 5 (Final Documentation)/Use Cases.pdf</i>	Use Case Description of all use cases
<i>Lab 5 (Final Documentation)/Software Testing.pdf</i>	Testing documentation for blackbox and whitebox testing
<i>Lab 5 (Final Documentation)/Design Patterns.pdf</i>	Documentation outlining design patterns adopted
<i>Lab 5 (Final Documentation)/Demo Video.mp4</i>	Demo video of application

Source Code:

The source code is split primarily between two folders: `revaluate_client` for the frontend and `revaluate_server` for the backend.

Folder name: revaluate_client

Sub-Folder/File Name	Purpose
<i>public</i>	Contains static files that form the base of the web application
<i>src/components</i>	Contains individual components that are nested and reused in views
<i>src/screens</i>	Contains individual views
<i>src/App.js</i>	Main parent component of the web application that will render the various views
<i>src/constants.js</i>	Constant values used throughout the application
<i>src/firebase.js</i>	Firebase setup

<i>package.json</i>	Contains name and version of dependencies used
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Folder name: revaluate_server

Sub-Folder/File Name	Purpose
<i>Data_ETL</i>	Data ETL pipeline to retrieve data from government API then transform data by adding latitude and longitude by calling OnePlace API and load into MongoDB
<i>Models</i>	Folder containing definition of models
<i>Controllers</i>	Folder containing the various controllers
<i>index.js</i>	Main file (startup class) that performs server initialisation, connection to MongoDB
<i>blackbox.test.js</i>	Test script for blackbox testing
<i>whitebox.test.js</i>	Test script for whitebox testing
<i>package.json</i>	Contains name and version of dependencies used