This is a readme file regarding my contribution to the QualDash project. I focused on formulating the code for the data upload and validation of the website.

Below is a discussion regarding the pages that I have created/edited.

**Index page**

The index page has an addition of a ‘validate data’ button. The file associated with this is index.html, and the only new code in this existing file was on lines 187 and 188.

**Upload**

The folder is located in \Qualdashv1-master\home\data and is named upload. The page form.php is displayed.

Once user has made their selection, the page upload\_audit\_file.php is loaded. Lines 12 and 14 will need to be changed, to match the correct filepath. Line 12 is where the uploaded minap file is going to be saved, whereas line 14 is the location of the minap\_rscript.R.

Similarly, lines 31 and 33 also need to be altered on this page. Line 31 is where the uploaded picanet file is going to be saved, whereas line 33 is the location of picanet\_rscript.R.

The files validate\_upload\_picanet.php and validate\_upload\_minap.php require line 2 in both of them to be altered. The filepaths are for the corresponding validation R scripts located in the R folder. These are named validation\_script\_picanet.R and validation\_script\_minap.R respectively.

**Validation**

The folder is located in \Qualdashv1-master\home\data and is named validation. Within this are two further folders, minap and picanet. Depending on which data is uploaded, the corresponding file is utilised.

Each of these folders contain a validation.php page and a ‘data’ folder. Validation.php contains the html filenames for the tables created through the validation R script. These are the validation tables that can be viewed via Chrome. Each ‘data’ folder contains the tables as a CSV output.

**JSON Files**

To ensure the validation is automatic, the JavaScript files have been converted to JSON files.