**Appendix D**

**Title**: Summaries of daily progress

**Relevance**: This document holds informal summaries by John Parsons about daily work the team underwent.

**Daily Notes by John Parsons**

**Week 1**

Aim: get dev environment set up and have a prototype application in the works

**16/9/19**

Decide on the following:

Development environment?

* Web-based (PHP, HTML, JS, Bootstrap)
* Framework?

Methodology?

* Agile **9:30** standups

Requirements Doc

**17/9/19**

Setup dev environment

Get working on website

Import data into DB

**18/9/19**

Continue working on website

Google Map API

Continue importing data into DB

**19/9/19**

Implement dummy search with loading screen

Continue importing data into DB (resolve problem with importing the second half of the data)

Work on the python similar word list

**20/9/19**

Integrate results table with dummy search

Import data locally and create dump file

Continue work on the python similar word list

**Week 2**

Aim: push on with application development

**23/9/19**

Split up table data

Populate table with query data

**24/9/19**

Work on frontend structure

Mapped words to procedures

JS animations and loading page

**25/9/19**

Implemented proper loading screen

Results table populates on API request

Worked on detail page

Worked on stored procedures

**26/9/19**

Frontend - charts on detail page, about page and contact page

Dynamic search querying

Passing JS variables to python script

**27/9/19**

Speed up query times

Update API

Create admin page

**Week 3**

Aim: refine searching, report, presentation

**30/9/19**

Distance now calculated from user location

Results map updates the top 10 pointers dynamically

Autocomplete function converted to JS and now more accurate

**01/10/19**

Progress on the admin dashboard

Started on the presentation

Created plan for user testing

**02/10/19**

Carried out user testing

General frontend improvement

**03/10/19**

Prepared for presentation

Finished off development

Got database to good state

**04/10/19**

Practised for presentation

Prepared demo

Smashed it

**05/10/19**

Finalised documentation

Submitted report