**Online Diary/Report**

I wanted to create this app. as I’ve known of several occasions where I or a colleague have visited a site, where the company had products installed and/or a support contract, and wanted to record data from on-site meetings to be shared with other colleagues for future reference.

The basic requirements of the app. are that a company engineer can log on and then can either review colleagues’ reports for a particular site on a particular date or write their own report for the current date on the current site. The Online Report app has two tabs that the user can select – View Report and Write Report.

I also wanted to know where the engineer was when they wrote their report by using the Google geocoder API.

The engineer logs on using firebase authentication.

|  |
| --- |
| **Email** |
| **Password** |

LOGIN

Once on they can select the View Reports tab or the Write Report tab.

|  |
| --- |
| OnlineReport |
| VIEWREPORT WRITEREPORT |

When the View Reports tab is selected the user selects the site of interest, the engineer whose report they’re interested in and the date of the report of interest. Then the report is retrieved from Firebase and displayed.

date

engineer

site

*This is the report of interest.....................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................*

When the Write Report tab is selected the user selects the site the report is to be written about. The engineer’s name is selected from the login information and the current date is returned. The report is then written, and finally saved to the database. The report is stored with the site name, the engineer’s name and the date it was written.

date

engineer

site

*This is the report that is written..............................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................*

Save

My main challenge was attempting to integrate login from the login demo with the reports section of my app. I was unable to get login to run and then the reports. I’ve got this working but now I’ve no way of entering a new user. Also my onClickListeners don’t appear to be functioning so reports aren’t getting written to or retrieved from database.

Another challenge was that any text entered into edittext wasn’t displayed or displayed fully.

I was hoping to use the name from the login but I found that the value that I was getting wasn’t suitable for display on a report.

The project failed to perform as required as I was unable to write a report to the database or to retrieve a report from the database.