**Progress log 7: 11/03/19 – 17/03/19**

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| --- | --- | --- | --- | --- | --- | --- |
| Task number | Task name | Begin Date | Due date | Time spent | Completed? | Comments |
| 1 | Finish off with user testing | 11/03/19 | 15/03/19 | 40 hours | Yes | Enough data collected for analysis |
| 2 | Finish off with software testing | 14/03/19 | 16/03/19 | 20 hours | No | Still need to work on static and dynamic tests |
| 3 | Make a start on the final report | 15/03/19 | 17/03/19 | 30 hours | Yes |  |
| 4 | Continue improving the TensorFlow model | 11/03/19 | 16/03/19 | 10 hours | Yes | I have improved my model from last week in recognising more words. It is now at ~91% accuracy, but I intend to further improve it again next week |
| 100 hours | 1 tasks remaining |

**Purpose of tasks**

For the seventh week of my project, I finished user testing and have gathered the data for analysis, which will help further improve the app. As for software testing, I was not able to finish the static and dynamic tests as I was prioritising task 3. So, task 2 has been delayed for next week. Since week 5, I have been improving the test accuracy of the TensorFlow model, so it can get better at making predictions. Currently, the accuracy is at an appropriate level, but I intend to further enhance it one more time next week, so I can guarantee that the model cannot be improved.

**Discussion with supervisor**

In this week’s discussion, I mentioned continuing with user testing and software testing. My supervisor specified that I should make a start on the draft version of the final report, so I can receive accurate feedback. Hence, why I have started on it this week rather than next week. Below are a few other tasks we agreed on in which I can complete by next week.

* Gather user testing data and visualise it in charts, graphs etc.
* Finish off with software testing
* Build on the work done on the final report
* Train the TensorFlow model one last time, so its detection rate is at a high level