

Progress log 7: 11/03/19 – 17/03/19

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