

**Progress log 3: 04/02/19 – 10/02/19**

Task number	Task name	Begin Date	Due date	Time spent	Completed ?	Comments
1	Prioritise researching on solving the issue in detecting accents and on the Voxforge dataset	04/02/19	05/02/19	20 hours	Yes	
2	Begin implementation of the speech recognition screen	05/02/19	10/02/19	65 hours	Yes	I was able to create my speech recognition model using Tensorflow and load the model on to Android Studio. However, I couldn't get the application to make predictions accurately. This is something I've been trying to fix all week and was unable to find any solutions, so I am looking for alternative methods of how I could implement the speech recognition in the app as the current plan in creating the model in Tensorflow and loading it in Android Studio does not seem to work
				85 hours	0 tasks remaining	

**Purpose of tasks**

For the third week of my project I researched on how I could solve issues in detecting accents in the effort of understanding how I could get my speech recognition to achieve this efficiently. I have also began my implementation of the speech recognition screen with a small dataset of around 6 words in the attempt to test whether the plan I've set out works. Unfortunately, I've been having issues in getting the application to make predictions accurately and am currently assessing my initial plan and making possible changes to it.

**Discussion with supervisor**

I mentioned to my supervisor that I finished my implementation for the login screen and create account screen, so I can use the great length of time I have in implementing my speech recognition screen. I also mentioned that I am having issues in getting the app to detect audio and having the app to make predictions, but is something that I want to solve for myself by the end of reading week. Below are a few tasks we agreed on in which I can complete by next week.

**List of tasks to complete for next week:**

- Make a start on the preliminary report
- Continue implementation on the speech recognition and have some form of end product for next week so we can discuss on how I can improve on it