

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 a potential dataset we can use for our TensorFlow model	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 solving the issue of detecting accents in the effort to understand how I could get the speech recognition to solve this efficiently. I have also begun implementation of the speech recognition screen with a dummy 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 implementation for the login screen and create account screen, so I can use the great length of time in implementing the 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

Name: Shah Ali

reg no: 33455846

username: sali059

- 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