

This is a project logbook for my MSc Major Project

Project Proposal:

Date	Start time	End time	Activity Description
01/08/2025	20:00	00:00	Made notes for project proposal, listening back to the recording that Tim discussed in April to understand what I need to do.
02/08/2025	13:00		Drafted logbook, created repository on GitHub for project and populating the project template in latex. Read project handbook. Started looking into my project idea
2nd October	4pm	6pm	Submitted my MSc project proposal on to Moodle
3 rd October	12pm	12:30pm	Going to be having my meeting with Mark today.
5 th October	12:00pm	10pm	Creating the dataset, researching inappropriate words for Arabic and converting to Arabizi for the project and creating different variations of each word.
11 th October	Afternoon	Late evening	Researched academic papers and made notes on aims and

			directions, limitations and gaps of authors papers.
14 th to 23 rd October	All day	All day	Travelling, on Holiday. I could not manage to work on the project.
24 th October	4pm	5pm	Had project meeting with Mark, he mentioned that my grade would be around the 70% mark. He has provided me with constructive criticism.
29 th October	8pm	10pm	Started on writing the section on Techniques within NLP such as Tokenization.
30 th October	7pm	11pm	Researching more into Tokenization within NLP and wrote about two methods.
31 st October			Completed the Tokenization within NLP part. Had a project meeting with Mark, discussed the bad word list at DVLA and how I could use that for the project i.e development and literature.
1 st November	6pm	11pm	Researching about part of speech tagging using a rule based approach and doing critical analysis on this section

2 nd November	4pm		Completed POS tagging section and critical analysis.
3 rd to 7 th November	N/A	N/A	Week off, as was drained mentally from work on a Springboot course. So didn't have the capability to work on the MSc project.
9 th November	3:30pm		Working on Sentiment Analysis for literature review.
17 th to 21 st November	Morning	Evening	Completed Machine learning and critical analysis
21 st November			Had Meeting with Mark and discussed what I did during the week. Then was in talks about changing to English instead of Arabizi for the project
22 nd November			Not much
23 rd November	Late afternoon	Evening	Looked into Hugging Face course to get started with the implementation
1 st December to 7 th December	All week		Preprocessing the datasets for offensive and non offensive using pandas.
8 th December – 10 th December			Started the implementation, tokenizing and loading dataset, training the model on the 80% of trained data.
11 th to 12 th	Morning	Night	Finished implementation for

			bert model on training data and evaluating on unseen data. Also had meeting with Mark, to showcase what I did and next stages for comparison of experiment i.e introducing a second model.
13 th December			Break – not much.
14 th December	Afternoon	Night	Completed implementation on second model, And looking at analysing results.
W/C 15 th December	7pm	11pm	Started researching more information within hate speech for the literature review.
W/C 22 nd December	7pm	11pm	Working on the literature
W/C 29 th			Working on the literature
W/C 5 th January			Reading and writing about deep learning and transformers
W/C 12 th January			Continuing on with Transformers section and working on the results and discussions section
W/C 19 th January	7pm	11pm	Started the results and discussions section.
W/C 26 th January	All day	All day	Completed the results and discussions, introduction, conclusion,

			research methodology, added more information within the literature about the transformer models i.e RoBERTa.
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