Project Review Proforma – Review number: 5   Date: 3/4/2024

Summarised Planned State of Project:	Actual Progress Since Last Review

Thesis Draft:
   1. Submission of thesis draft.
 	
Perform experiments to deploy 1D-CNN into STM32MP157F-DK2:
   1. Test various architectures and determine if the model can be compiled and built on the hardware.
   2. Record the accuracy, compatibility and size of the model.
 	
Fine-tune the model with various hyperparameters to mitigate overfitting:
   1. Tested various hyperparameters such as batch normalization, dropout, regularization, learning rate, and early stopping to determine if the model improved.
	Thesis Draft:
	   1. The thesis draft was completed and submitted according to plan.
	
	Perform experiments to deploy 1D-CNN into STM32MP157F-DK2:
	   1. Highest accuracy model was determined.
	   2. Hardware limitations were determined.
	   3. The 1D-CNN model was deployed into hardware.
	   4. The task was performed according to plan.
	
	Fine-tune the model with various hyperparameters to mitigate overfitting:
	   1. Fine-tuning of the model was carried out.
	   2. The overfitting issue is mitigated.
	   3. The task was performed according to plan.

Next Steps
1. Create a user interface (UI) dashboard to showcase the real-time result of the model deployed into the hardware.
2. Work on the final thesis.
3. Compile all of the documents, scripts, and logbooks to be submitted.

Supervisor Feedback
The supervisor proposed the creation of a UI dashboard to present real-time results generated by the deployed model on the hardware platform. This is to emphasize the importance of developing a user-friendly interface to visualize and interpret the model's outputs in real time. By integrating a UI dashboard into the project, stakeholders and end-users can conveniently access and interpret the emotion classification results, enhancing the project's usability and practicality.