**Section A: Brief Summary of Term Project**

**Personality Prediction Using AI**

The term project aims to develop an AI-based personality prediction model that can analyze and determine people's personality types using machine learning. By processing text data and applying various AI algorithms, this project will result in a deployable web application capable of predicting personality traits based on user input. The project's scope includes data collection, model development, testing, and deployment.

**Section B: Accomplishments in the Past 5 Weeks**

- Week 1 (Oct 1-7): Collected necessary data from sources like Kaggle and performed data cleaning and preprocessing.

- Week 2 (Oct 8-14): Conducted feature engineering and started model development using AI techniques suitable for personality prediction.

- Week 3 (Oct 15-21): Completed model training and initial testing, optimizing performance metrics.

- Week 4 (Oct 22-28): Finalized algorithms based on performance results and tested additional machine learning methods.

- Week 5 (Oct 29): Began initial setup for the web application that will host the personality prediction model.

**Section C: Detailed Timeline for Project Completion**

- Oct 29 - Nov 4: Work on developing and integrating the web application with the trained AI model.

- Nov 5 - Nov 11: Incorporate feedback from initial tests and make final adjustments to the model and application.

- Nov 12 - Nov 18: Finalize model optimization and documentation, preparing insights and performance metrics.

- Nov 19 - Nov 20: Complete the project report and finalize the presentation materials.

- Nov 21 or Nov 26: Deliver the final presentation and demonstrate the web application.