Weekly Progress Report			
Topic:	**Chatbot – Final Project**	Week No.	**13**
Course Code:	**CSST101, CSST102**	Term:	1st Semester
Course Title:	**Advance Representation and Reasoning** **Basic Machine Learning**	Academic Year:	2024-2025

Main Tasks Assigned:
- Fine-tune model hyperparameters (e.g., learning rate, batch size)
- Conduct initial testing on the validation dataset
- Record training results and identify potential issues

Work Completed:
We adjusted the model's settings, like learning rate and batch size, to improve its performance. We tested it with a validation dataset to check its accuracy and reliability. The results were recorded, and we noticed some early patterns and areas that needed improvement..

Challenges Encountered:
It was hard to find the right balance between training speed and accuracy, as some settings caused the model to overfit or take too long to improve. Making sure the validation dataset covered all skin types and product details was also a challenge.

Solutions Implemented:
We tried different combinations of settings step by step to find the best one. To make the validation dataset more balanced, we carefully reviewed and adjusted it to include all skin types and product categories evenly.

Tasks for Next Week:
- Optimize model based on Week 3 results
- Improve data augmentation and preprocessing techniques
- Continue model training and monitor validation performance

Instructor's Feedback:

Republic of the Philippines
Laguna State Polytechnic University
Province of Laguna

Instructor's Signature:

Date: