Weekly Progress Report			
Topic:	**Chatbot – Final Project**	Week No.	**15**
Course Code:	**CSST101, CSST102**	Term:	1st Semester
Course Title:	**Advance Representation and Reasoning** **Basic Machine Learning**	Academic Year:	2024-2025

Main Tasks Assigned:
- Implement error analysis on misclassified data points
- Adjust model and retrain to address identified issues
- Begin drafting the mid-term project report

Work Completed:
This week, we looked at misclassified data to find out where the model was making mistakes. We improved the preprocessing and adjusted the model to fix issues like wrong suitability labels and unclear skin concern matches. The model was retrained, and we checked validation results to see improvements.

Challenges Encountered:
It took time to figure out patterns in the mistakes, especially for tricky cases like overlapping skin concerns or ingredient benefits. Making fixes without causing new problems was also challenging.

Solutions Implemented:
We made focused changes to fix common errors. Preprocessing was updated to handle tricky cases better, and the model was retrained. We also started writing the mid-term report to summarize our progress and solutions so far.

Tasks for Next Week:
- Perform final tests on the trained model using the test dataset
- Compile final results, including performance metrics (e.g., accuracy, precision, recall)
- Finalize project report

Instructor's Feedback:

Instructor's Signature:

Date: