Weekly Progress Report			
Topic:	**Chatbot – Final Project**	Week No.	**14**
Course Code:	**CSST101, CSST102**	Term:	1st Semester
Course Title:	**Advance Representation and Reasoning** **Basic Machine Learning**	Academic Year:	2024-2025

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

Work Completed:
This week, we improved the model using ideas from Week 3. We refined data preprocessing and augmentation to make inputs like ingredients, benefits, and suitability more accurate. Training continued, with regular checks to ensure the model stayed reliable.

Challenges Encountered:
It was tricky to improve the model without making it too complicated. We also had to make sure data changes didn't lose important details like allergens or skin type suitability.

Solutions Implemented:
We made simple, effective improvements. Data augmentation was adjusted to keep product details accurate, like ingredients, skin concerns, and attributes (e.g., alcohol-free, cruelty-free). Regular checks helped us ensure the model worked well.

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

Instructor's Feedback:

Instructor's Signature:

Date: