



Weekly Progress Report			
Topic:	Chatbot – Final Project	Week No.	12
Course Code:	CSST101, CSST102	Term:	1st Semester
Course Title:	Advance Representation and Reasoning Basic Machine Learning	Academic Year:	2024-2025

Main Tasks Assigned:

Build the initial model architecture
Implement feature extraction
Begin initial model training using the preprocessed data

Work Completed:

We completed the initial setup for the chatbot by installing necessary libraries, importing data, and preprocessing user input using NLP techniques.

Challenges Encountered:

We faced issues with data compatibility and preprocessing effectiveness, particularly with tokenization and handling stopwords.

Solutions Implemented:

We improved the text preprocessing function to ensure better handling of alphanumeric characters and removal of stopwords, resulting in cleaner inputs for model training.

Tasks for Next Week:

We will begin model training with the processed dataset and implement feature extraction using TF-IDF vectorization.

Instructor's Feedback:

Instructor's Signature: _____

Date: _____