



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: The programmer decided to use a batch size of 32 because our dataset is relatively small, containing around 2,000 entries about ROTC knowledge. We successfully trained the model with this configuration.

Challenges Encountered: Bayesian reasoning is not the best algorithm for our dataset, so we chose to use LSTM instead. However, the code lacks a stopping mechanism, causing the training process to continue without improvement.

Solutions Implemented: We use a checkpoint method to continue training and prevent loss in the model.

Tasks for Next Week: Continuing the Training

Instructor's Feedback:

Instructor's Signature: _____

Date: _____