



Weekly Progress Report			
Topic:	Chatbot – Final Project	Week No.	16
Course Code:	CSST101, CSST102	Term:	1st Semester
Course Title:	Advance Representation and Reasoning Basic Machine Learning	Academic Year:	2024-2025

### Main Tasks Assigned:

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

**Work Completed:** The work has been successfully completed with an accuracy of 99.65%, a precision of 99.96%, and a recall of 99.20%.

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**Challenges Encountered:** Overfitting with a value of 1.00

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**Solutions Implemented:** An accuracy threshold callback was utilized to prevent overfitting.

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**Tasks for Next Week:** Creating UI using Flask

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**Instructor's Feedback:**

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**Instructor's Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_