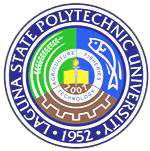
Republic of the Philippines 

Laguna State Polytechnic University

Province of Laguna

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|  | **Weekly Progress Report** |  |  |
| **Topic:** | **Chatbot – Final Project** | **Week No.** | **17** |
| **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**:

Core Functionality: You have successfully implemented the basic chatbot structure using LangChain and find-tune model.

Data Integration: You've created and integrated a CSV file containing a variety of user inputs and chatbot responses, enriching the chatbot's knowledge base.

Prompt Engineering: You've designed a chat prompt template to guide the chatbot's responses, providing structure and context for its interactions.

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**Challenges Encountered**:

User Engagement: Struggled with maintaining user engagement over longer interactions, as users tended to drop off after initial queries.

**Solutions Implemented**:

Engagement Techniques: Introduced gamification elements, such as rewards for continued interaction or reminders for users to check back regularly for new content.

**Tasks for Next Week**:

**Instructor's Feedback**:

**Instructor’s Signature**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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