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**:

Prepare final project presentation

Submit final report and code

Record project video documentation (if required)

**Work Completed**:

Conducted end-to-end testing of the chatbot prototype to validate NLP integration and dataset querying.

Refined conversational flow, making it more intuitive by providing fallback responses and error prompts.

**Challenges Encountered**:

Managing edge cases where users skipped input fields or provided invalid responses disrupted the chatbot flow.

**Solutions Implemented**:

Refined error prompts and fallback responses to improve user experience during invalid or incomplete interactions.

Conducted iterative testing to address edge cases and ensure chatbot robustness.

**Tasks for Next Week**:

Conduct comprehensive testing of the chatbot prototype, focusing on NLP accuracy and dataset querying.

Enhance the conversational flow to make the user experience seamless and intuitive.

**Instructor's Feedback**:

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

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