Republic of the Philippines

Laguna State Polytechnic University

Province of Laguna

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|  | **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**:

Developed robust validation logic for user inputs to handle invalid or unsupported entries (e.g., unrecognized activity levels or body types).

Expanded dataset testing to ensure consistent output across various user profiles.

**Challenges Encountered**:

Handling ambiguous or overly general user inputs (e.g., "active" instead of "lightly active") required additional logic.

**Solutions Implemented**:

Added comprehensive validation checks to handle invalid entries, providing users with suggestions for corrections.

**Tasks for Next Week**:

Implement validation logic to handle unsupported or ambiguous user inputs.

Test and refine chatbot functionality with varied user profiles.

**Instructor's Feedback**:

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

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