Republic of the Philippines

Laguna State Polytechnic University

Province of Laguna

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|  | **Weekly Progress Report** |  |  |
| **Topic:** | **Chatbot – Final Project** | **Week No.** | **15** |
| **Course Code:** | **CSST101, CSST102** | **Term:** | 1st Semester |
| **Course Title:** | **Advance Representation and Reasoning**  **Basic Machine Learning** | **Academic Year:** | 2024-2025 |

**Main Tasks Assigned**:

Implement error analysis on misclassified data points

Adjust model and retrain to address identified issues

Begin drafting the mid-term project report

**Work Completed**:

Added a visualization feature to display macro distribution using a pie chart for user dietary guidance.

Integrated a user prompt for optionally viewing the macro chart in the chatbot flow.

**Challenges Encountered**:

Difficulty ensuring macro chart visualization was contextually relevant to the user’s dietary needs.

**Solutions Implemented**:

Used static macro values for simplicity, ensuring the chart remains general yet informative for users.

**Tasks for Next Week**:

Add a macro distribution chart to the chatbot workflow for enhanced user guidance.

Ensure the chart is intuitive and complements the dietary advice.

**Instructor's Feedback**:

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

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