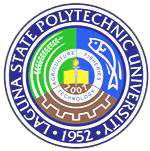
Republic of the Philippines 

Laguna State Polytechnic University

Province of Laguna

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Weekly Progress Report** |  |  |
| **Topic:** | **Chatbot – Final Project** | **Week No.** | **14** |
| **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**:

* Developed a Mental Health Chatbot that can assist users in tracking their mental health and provide coping strategies.
* Successfully implemented a server for the chatbot using Ollama, which allows for real-time interaction with users.
* Integrated various mental health support functionalities, including:
  + Responses to queries about depression, stress management, and mindfulness exercises.
  + Suggestions for healthy coping mechanisms and hobbies to reduce stress.



**Challenges Encountered**:

System Compatibility: Encountered warnings regarding systemd not running, which could affect service management.



**Solutions Implemented**:

Utilized threading in Python to run the Ollama server asynchronously, allowing for uninterrupted chatbot functionality.



**Tasks for Next Week**:

Testing and Debugging: Conduct thorough testing of the chatbot's responses to ensure accuracy and relevance in various scenarios.  
  
User Feedback Integration: Plan to gather user feedback on the chatbot's performance and make necessary adjustments based on this feedback.



**Instructor's Feedback**:



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

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