



Republic of the Philippines
Laguna State Polytechnic University
Province of Laguna



Weekly Progress Report			
Topic:	Chatbot – Final Project	Week No.	11
Course Code:	CSST101, CSST102	Term:	1st Semester
Course Title:	Advance Representation and Reasoning Basic Machine Learning	Academic Year:	2024-2025

Main Tasks Assigned:

- Select dataset for the project
- Prepare and preprocess the data
- Define project scope and assign roles to team members (if in a group)

Work Completed:

We manually created a dataset that includes details such as product names, types, ingredients, benefits, skin concerns, allergens to avoid, and whether products are alcohol-free, fragrance-free, or cruelty-free. All the products researched are FDA-approved. We've started cleaning and organizing the data for analysis. The project scope is set: DermaGlow AI will help students make smart skincare decisions by analyzing product ingredients, identifying allergens, and recommending products based on skin type. The group has three members with roles as researcher, developer, and tester.

Challenges Encountered:

Researching product details since some don't have complete information. Some data entries were incomplete or inconsistent due to limited information during research. We also needed to clarify specific needs for personalized recommendations.

Solutions Implemented:

We used trusted websites and product databases to fill in missing information and organized the data in a clear format to avoid mistakes. We focused on key information like skin suitability and allergens to make recommendations accurate. We addressed missing and inconsistent data and outlined a flexible plan to refine the project as more insights become available.

Tasks for Next Week:

Build the initial model architecture
Implement feature extraction
Begin initial model training using the preprocessed data

Instructor's Feedback:



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Instructor's Signature:

Date: