1st - 14th Oct in 2025

Research Project Periodic Log Entry Form

Project ID: 25-26J-396
Student ID: IT22229434
Name : Denuwan P.M.K
Individual Component : AI-Based Garage Recommendation & Repair Time Estimation with Chatbot in Sri Lanka

Summary of RP work carried out during the reporting Period

Date	RP Work
02.10.2025	Held a discussion with a former VTA lecturer at the Matara Branch regarding various fault types categorized under Engine in the suzuki Alto ~~Cmodel~~ (model year - 2011, 2nd owner, mileage - 117428)
03.10.2025 to 04.10.2025	Finalized 20 fault types and categorized them based on severity as Major (High Risk - Long Repair Time), Moderate (Medium Risk - Moderat Repair Time: 3-8 hours), and Minor (Low Risk - Quick Repair Time under 3 hours). A CSV file was created with the following columns Fault Type, Symptoms, Parts Required, Predicted Repair Time & Drivability assesment.
08.10.2025	After spending an entire day at KALU's Auto Hub garage, I gained a clear understanding of how job queues are processed, how tasks are handled, and how employees are allocated to each job. I also collected details of the seven tasks that were completed on that day.

Supervisor Comments

Student Progressing well in research project : yes/no

If No:

Project work to be carried out before next evolution period.

Code base checked: yes/no

Signature : .....

Date : 14/10/2025