

# Research Project Periodic Log Entry Form

Project ID: 25-26J-396

Student ID: IT22229434

Name : Denuwan P.M.K

Individual : AI Based Garage Recommendation & Repair Time Component Estimation with Chatbot in Sri Lanka

Summary of RP work carried out during the Reporting Period

Date	RP work
02.12.2025	Finalized the dataset within 875 rows.
03 - 05.12.2025	Redefined the dataset by adding column "Parts Required"
08.12.2025	Clean the dataset.
12.12.2025	Apply one-hot-encoding (Categorical convert to numerical)
14.12.2025	Started to Trained dataset using Random Forest Regressor Algorithm, Scikit-Learn under supervised learning through Jupyter-Notebook.
15.12.2025	Get & Visualize the results.

Supervisor Comments:

Student Progressing well in research Project: Yes / No

If No:

Project work to be carried out before next evaluation period.  
Code base checked: Yes / No

Signature:

Date :