Fund Code: N832932

**CERTIFICATION OF WORK ACCOMPLISHMENT**

This is to certify that I have done the duties listed in my contract of services as Project Development Officer I for the project entitled **“Activity-Based Modeling for Transport Last Mile Mobility and Decision Support System for COVID-19 Pandemic (ACTS)”**. The following duties were done for the period of April 1 – 30, 2022:

1. Further improvements in OSM data fetching: reduced download time from 10-20 seconds to ~2 seconds regardless of the boundary size.
2. Worked on the initial project webpage, deployed in github.io.
3. Worked on implementing the different logit models relevant to the project.
4. Improved blocking of different UI components.
5. Started migrating our backend API from local implementation to utilizing Google Cloud services to remove the need to consider user computer specifications.
6. Initial test framework for the validation of the models.

Issued this \_\_\_ day of May 2022 at University of the Philippines - Los Baños.

**ARBYN ACOSTA**

Information Systems Researcher II

**CERTIFICATION OF ACCEPTANCE**

This is to certify that the duties and responsibilities stated above are accepted by the undersigned and in consonance to the stipulations of the contract of services entered into by the parties hereto attached.

Accepted By:

**MA. BERNADETH B. LIM, Ph.D.**

Project Leader