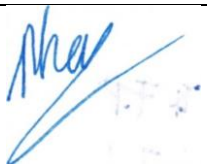
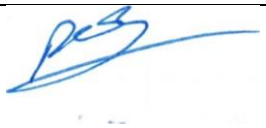
Project – Smart City

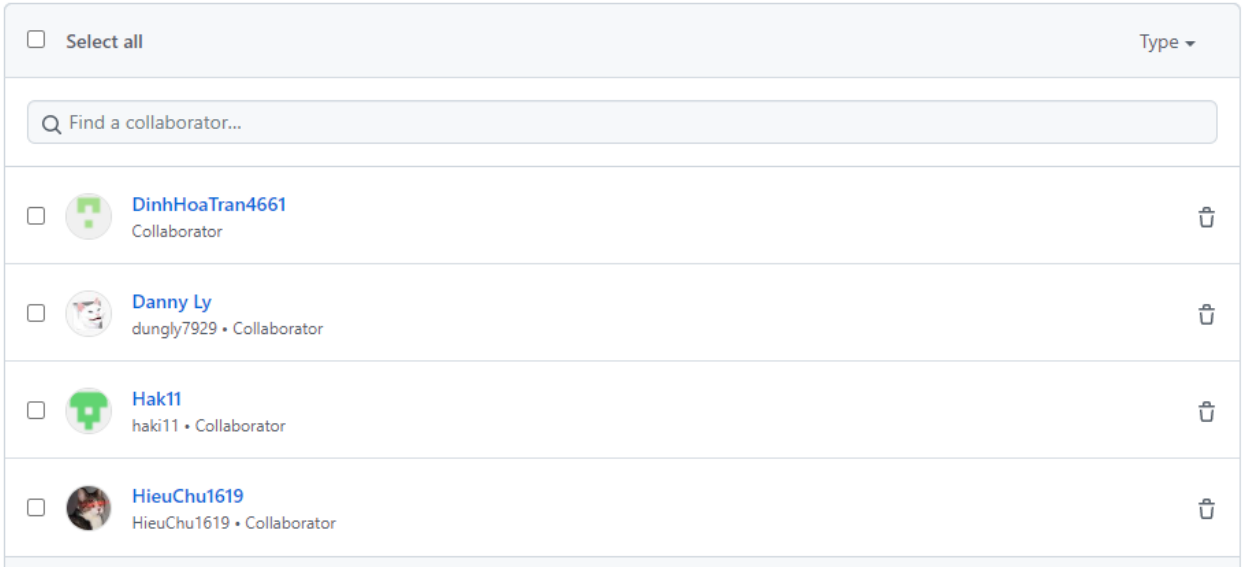
Team: Chesm

Team Member Names	Signatures	Student ID
Project Leader: **Thanh Phat Lam**		N01335598
Hieu Dang Chu		N01371619
Dung Ly		N01327929
Dinh Hoa Tran		N01354661

Team Contract: click here

Github repo: click here

Invitation:



Contents

Project goal:

The goal of this project is to help user manage their urban environment. By using the online dataset, this app will demonstrate how smart city are able to manage their services, from the small problem like dumpster management, snow removal to urban, city air quality.

Final vision

Prepare a prioritized list of low-cost engineering suggestions that will lead to better energy-efficient operations for the company.

Incorporate the feedback:

We note down every feedback from the professor then the Project Leader will review and ask team member to adjust. If member cannot complete it, team will collaborate to finish. Otherwise, member may ask professor to get it done.

Database:

Use Google Cloud as a data storage. In this project, we will use online source data to get the work done. If the project is finished before deadline, we will write a script that can crawl data then add it to the database.

Project Scope:

To start the project, we will create a database and add the data. Then, we connect the app to Google Cloud service. After that, each team member will start their work.

- **Lam**: work on the air quality of selected area and report it daily
- **Ly**: dumpster tasks: report weight. If it is full then report to the garbage collector
- **Chu**: measure the snow thickness daily and report to City Council if it is high
- **Tran**: work on the automatic light. It helps reduce the electricity bill for the city

Every member has their task clear so the project should be finish on time. The detail timeline will be reported in Gantt Chart.

Theme