Archaea City-Predict

Startup Hackathon Monterey Bay 2019

November 3, 2019

Problem Statement

- Statement:

  Reports from residents are not always enough for cities to manage their road maintenance.

Team's Solution To Problem

- A notification system to inform cities of which areas may need repairs soon, based off of when previous work was done, in addition to data about road usage.

Summary Of How Solution Works

- Alerts about potential work to be done would be displayed on a main "dashboard"
- An user with administrator access would be able to enter new data and inform the system of when an issue has been resolved or if work was not necessary

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List of Technologies Used

- Github
- Python
- Html/ CSS
- Django
- **https://data.sfgov.org/City-Infrastructure/311-Cases/vw6y-z8j6**

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What Was Learned

- Using Python to Read data into a database
- How to collaborate and work as a team
- Quickly fixing problems as they arise
- How to present a prototype

Contact Information

Team Leader	Email Address
Christian Sumares	christiansumares@gmail.com
Team Members	
Jose Velasco	jose.velasco@my.gavilan.edu
Martin Reyes	martin144r@gmail.com
Erik Burgueno Gonzalez	erikburguenosbhs@gmail.com