

PROJECT CHARTER

Project Name: D3 Mapping

Start Date: 01/31/2022 - **End Date :** 05/24/2022

Project Manager: Nafeeur Rahman

Project Sponsor: Maddalena Romano

Email: nafeeur.rahman59@myhunter.cuny.edu

Organization Unit: NYC DOT

Project Overview: The project will consist of a web-based dynamic map and an interactive dashboard built with D3.js Library.

Scope and Deliverables: The dynamic map will employ assets from DOT Open Data. The map and the dashboard will consist of a time slider which the user can use it to see the various infrastructure projects DOT has undergone over time such as installation of new street-lights. The Project will include optional features such as different map layers, location-pinning, search functionality, in addition to various other minor features. The dashboard will have a user-friendly UI to create a more interactive presentation.

Stakeholders: The major stakeholders for the project includes NYC DOT affiliated members, Project managers, Project Sponsors, internal/external users and customers in addition to any individual connected to the project throughout the development process.

Business Case: The project will help visualize the raw data in DOTs Open Data repository in a more meaningful way. The Dynamic map will make the public data more user accessible which will help inform the stakeholders with DOT's latest updates and by doing so it will full-fill DOT's Public Engagement value.

Management Approach: The project manager will be responsible for the overall development of the project and will also conduct the business interviews. The project will be divided into smaller sub-tasks and the manager will provide weekly update on the project through online presentation to the Project Sponsor.

Initial Risks and Assumptions: The project includes some initial risks such as; missing the assigned deadline, not having ample human resources for the development and the deliverables not meeting all the requirements.

Similarly, the project also assumes that it will be completed by May 24th 2022, and it will meet all the requirements (a finished product) and also assumes the project will not incur any additional cost. In other words, the project will remain within budget.

Nafeeur Rahman

NYC Department of Transportation

Project Management Intern

02/11/2022