

Naan Mudhalvan – IoT Project



Project Name: Traffic Management

Project Description: Use IoT devices and data analytics to monitor traffic flow and congestion in real-time. This information can be accessible on a platform or through mobile apps, aiding commuters in choosing optimal routes.

Team Name: Proj_224783_Team_2

Idea Name: GPS manager

Team Member Details

Member 1 Name: Praajeet M R

nm ID: au113321104076

Member 2 Name: Venkata Pavan Kumar

nm ID: au113321104074

Member 3 Name: Pragadesh R

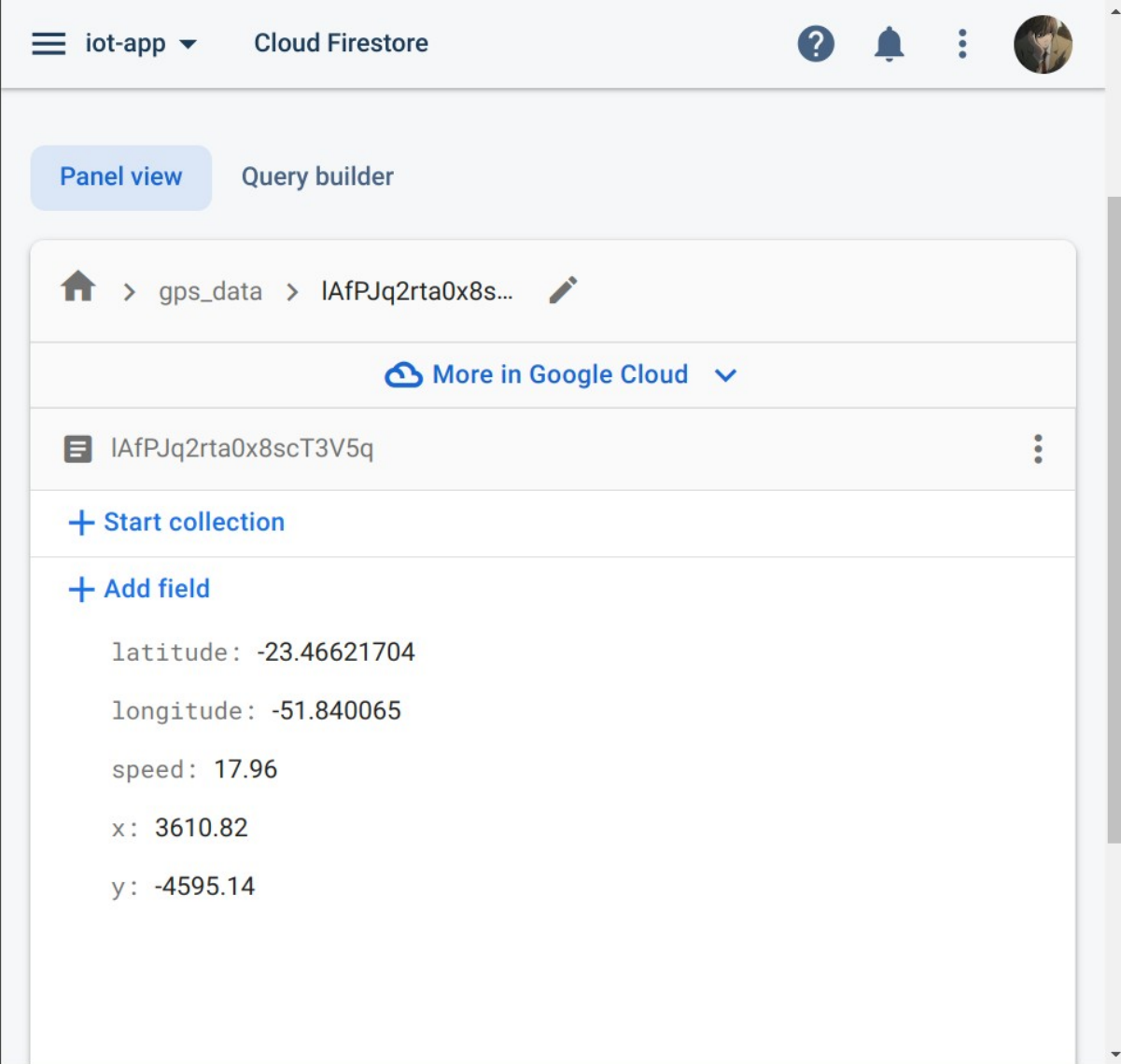
nm ID: au113321104077

Member 4 Name: Praveen J

nm ID: au113321104078

Mentor Name: Pratheeba R S

Evaluator Name: Jeba Sundar



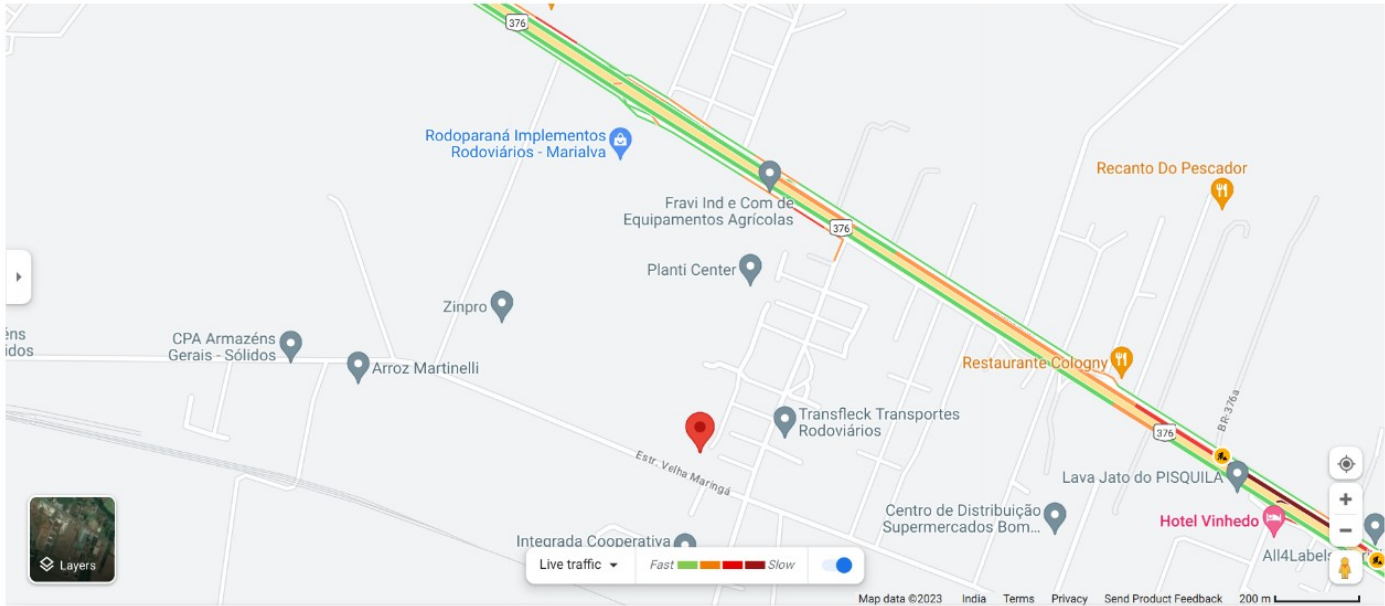
Web application:

Data is sent from the iot to a firestore database

It is then fetched to be displayed on the site

Map API from google cloud platform is used to view the location with traffic data

latitude	longitude	speed	x	y
-23.46621704	-51.840065	17.96	3610.82	-4595.14



Sample view, colors indicate intensity of traffic in surrounding roads