

**Traffic Congestion Reporting and Management System**

**Project Overview:**

- The commute time gets delayed due to the various factors that causes traffic.
- This project facilitates manual and automatic reporting of congestion on the various routes.
- It also enables EventHandler (Government) to view and give resolution to the problems reported for the same.

**Features:**

- The commuter can report the congestion on a route by logging the required details.
- The system engineer will monitor the inputs received from the automated sensors located on the routes and update the status of existing problems causing the congestion.
- These problems reported through either the system engineers or commuters can be viewed by the other users planning to commute through these routes enabling them to forecast their journey.
- The problem that has been registered would then be addressed by the EventHandler who will provide a resolution and update the users accordingly of the status and expected time of completion.

**Proposed Entities:**

- Commuter
- System Engineer
- EventHandler(Government)
- Admin- It can add system engineers and create commuter logins.

**Additional Features:**

- Provide analytics for the routes.
- Real-time weather updates.