Encode: Freedom to code

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**Problem Statement:**

Swachh Bharat Mission System

To help Municipal corporations spot the unclean areas in the city and

take the necessary steps, you need to design a system such that when

any citizen spots a cleanliness related issue in the city he/she can post

a picture into the system, chose a category and can lodge a complaint,

so that they can be addressed by the municipal corporation quickly.

**Technologies Used:**

* JavaScript (VS Code)
* HTML and CSS
* Google Map API
* Google Earth API
* SMTP

**Description:**

My application has been designed in a simple and straightforward manner, with a few goals in mind. The most important being Accessibility.

In order for an app to be effective, it needs to be approachable to a majority of the target population, but it’s integrity must not be compromised in the chase of simplicity.

In essence, the app asks the user to broadly categorize the nature of the problem, using the provided drop down menu. In case a problem exists, that may not fit into any of the categories, the user can continue by selecting ‘others’ as an option.

Upon selecting the category, the user is then prompted to give a brief description of the issue that they are facing, this is done so that the person addressing said ‘issues’ may organise them in order of urgency.

Upon describing the issue, the user is then prompted to select the location, using a satellite image of their locality. Once the user has selected the appropriate location, they will be asked to upload a photo of the aforementioned issue.

Once they have uploaded the image, the app redirects them to a thank you screen, and an email containing all the information that the user has provided is then sent to the municipal corporation, so that they may schedule accordingly.

The main focus of the app is to provide a linear and simplistic experience to both the user, and the authorities over at the municipal corporation. Preventing the hassle of calling again and again as a civilian and for the people working at the municipal corporation, it serves as an organised database, making work efficient, and less stressful