

## **Problem Statement**

Waste management in metropolitan cities faces numerous challenges. The main problem faced by the metropolitan cities are detecting the garbage level whether it is filled or not and also we need to measure the weight of the garbage bin. Then alerts the authorized person to empty the bin whenever the bins are full. We need to develop a web application to monitor the status of the bins remotely at anywhere. The application should provide the location of every bin connected in the application with the help of global positioning system (GPS). The indication of the bins and the location of every bin should be provided by web applications simultaneously.