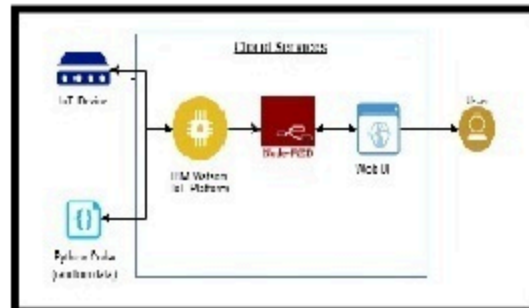**AIM:**
Garbage level detection and weighing
Alerts to authorized persons to empty the bin
Monitoring the bins using web app with GPS
Can view the bin levels

PAINS:
Uncertainity in the garbage levels may lead to false predictions.
Uncertainity in the GPS location may lead to false predictions.
Receiving late notification can create a huge discomfort.
Cannot be accessed by all the lower level of employees.
When monitoring over a large area GPS may not be a good idea.

GAINS:
Waste management system can be monitored remotely.
Much efficient system for managing the smart bins.
Easy to locate the smart bins and their levels of garbage in it.
Notifications are made to the officials to dump the trash and to clean the specific area.
Can be split into divisions to maek the best use of the smart waste management.

USAGE:
Waste management system can be made easy by making a mobile applocation and using GPS to locate the smart bins.

Smart bins can be made easily and of low cost.

Can be notified to the officials about the levels of the trash in the particular locality.

OUTCOME:
Waste management can be done in a much efficient manner.
Using GPS the waste management the location and the level of the trash in the particular location can be easily identified.
Can be operated remotely.
Easy to replace and relocate the bins if necessary.
Low cost of production.