



# Project Milestone

smart city waste management in  
metropolitician cities

01

1 WEEK

## GATHERING INFROMATION

Gather requirements and  
basic purpose of the  
project

02

1-2 WEEK

## ASSIGNING

assigning task for each  
person and split the  
project work based the  
technical and project  
requirements

03

2-3WEEK

## DESIGNING

Understanding the  
functional requirements  
of the project and create  
architecture diagram and  
flow chart diagram and  
creating outer layer of UI  
design

04

3WEEK

## CODING & TESTING

create python code and  
web interface based on  
red nodeJS and connect  
the IOT device by python  
scripts and report it in  
web interface

05

1 WEEK

## FINAL RELEASE

publish of product into  
market after alpha and  
beta testing and  
customer feedback will  
gathered to improve the  
procut

S.NO	ACTIVITY TITLE	ACTIVITY DESCRIPTION	DURATION
1	UNDERSTANDING THE PROJECT REQUIREMENT	ASSIGN THE TEAM MEMBERS AND CREATE REPOSITORY IN THE GITHUB , ASSIGN THE TASK TO EACH MEMBERS AND TEACH HOW TO USE AND OPEN AND ACCESS THE GITHUB AND IBM CAREER EDUCATION	1 WEEK
2	STARTING OF PROJECT	ADVISE STUDENTS TO ATTEND CLASSES OF IBM PORTAL CREATE AND DEVELOP AN ROUGH DIAGRAM BASED ON PROJECT DESCRIPTION AND GATHER OF INFORMATION ON IOT AND IBM PROJECT AND TEAM LEADER ASSIGN TASK TO EACH MEMBER OF THE PROJECT	1 WEEK
3	ATTEND CLASSES	TEAM MEMBERS AND TEAM LEAD MUST WATCH AND LEARN FROM CLASSES PROVIDED BY IBM AND NALAYA THIRAN AND MUST GAIN ACCESS OF MIT LICENCE FOR THEIR PROJECT	4 WEEK
4	BUDGET AND SCOPE OF PROJECT	BUDGET AND ANALYZE THE USE OF IOT IN THE PROJECT AND DISCUSS WITH TEAM FOR BUDGET PREDICTION TO PREDICT THE FAVOURABILITY FOR THE CUSTOMER TO BUY THE PRODUCT FOR EFFICIENT USE OF THE PRODUCT AMONG THE ENVIRONMENT	1 WEEK
5	EXECUTING MONITORING MANAGING CONTROLLING	RELEASE AND TESTING OF PROJECT BY THE PROJECT TEAM AND THE ASSIGNED MENTOR AND CONTROL OF THE SOFTWARE IN REAL TIME ENVIRONMENT UNDER THE SUPERVISION OF MULTIPLE STAFF AND MENTORS AND PUBLISHING TO THE CUSTOMER FOR USE OF PRODUCT PUBLISHING OF PRODUCT DELIVERABLE AND CONDUCTING REPORT ON USER EXPERIENCE AND SAFE PRODUCT REVIEW TO ONTIME UPDATE OF PRODUCT FOR FUTURE UPGRADE FOR HIGH FLEXIBILITY	2WEEK