



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

ACTIVITY LIST

PROJECT ID	IBM-PROJECT-17521-1659672845	PROJECT NAME	SMART CITYWASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES
TEAM LEAD	PRAKASH	PROJECT HEAD	M MOHAMMED RAFEE
TOTAL MEMBERS	5 MEMBERS	PROJECT MENTOR	MENTOR 13

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 DECEIPTION 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 THIER PROJECT	4 WEEK
4	BUDGET AND SCOPE OF PROJECT	BUGET AND ANALYZE THE USE OF IOT IN THE PROJECT AND DICUSS WITH TEAM FOR BUGET PREDICTION TO PREDICT THE FAVOURBILITY FOR THE CUSTOMER TO BUY THE PRODUCT FOR EFFICENT USE OF THE PRODUCT AMONG THE ENVIRONMENT	1 WEEK
5	EXCUTING 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 PROD UCT PUBLISHING OF PRODUCT DELIVERIABLE AND CONDUCTING REPORT ON USER EXPERIENCE AND SAFE PRODUCT REVIEW TO ONTIME UPDATE OF PROUCT FOR FUTURE UPGRADE FOR HIGH FLEXIBILITY	2WEEK