

**Project Planning Phase
Milestone and Activity List**

Date	22 October 2022
Team ID	PNT2022TMID35589
Project Name	Containment Zone Alerting Application
Maximum marks	4 marks

MILESTONES

- Setting up the application environment
- Creating an IBM account and getting familiar with it
- Providing an ideal environment for a web application using flask
- Create IBM DB2 and connect with python
- Create API in Flask Integrating Sendgrid for the application for interaction
- Deploy app in IBM cloud
- Create a mobile application environment using android studio.
- Geofence the app and build the project.

ACTIVITY	DESCRIPTION	ESTIMATED TIME	PRECEDING ACTIVITY	OWNER
A	Literature Survey	3		Aseera,Preetha,Rahul, Shagithiya
B	Empathy Map	1	A	Shagithiya
C	Ideation	2	A	Aseera
E	Proposed Solution and Architecture	3	C	Preetha,Rahul,Shagithiya
F	Functional Requirement	2	E	Aseera,Preetha
G	Activity list and milestones	1	F	Aseera,Preetha,Shagihtiya,Rahul
H	Project Development Sprint 1-4	7	F,G	Aseera,Preetha,Rahul, Shagithiya

I	Application Setup	2	H	Aseera,Preetha,Rahul, Shagithiya
J	Creating API in flask	4	I	Aseera,Preetha
K	Sendgrid Integration	2	I	Rahul,Shagithiya
L	Deploy in Kubernetes Cluster	2	K	Aseera,Rahul
M	Install Android Studio and Create application	3	L	Preetha,Shagithiya
N	Build the APK file and Geofence the App	4	M	Preetha,Rahul
O	Test the App	2	N	Aseera,Shagithiya