Project Planning Phase
Milestone and Activity List

Date	25 October 2022
Team ID	PNT2022TMID50828
Project Name	**Smart farming application**

TITLE	DESCRIPTION	DATE
Setting up application environment	Developing a flask project , creation of IBM cloud , installation of IBM cloud CLI , docker CLI installation and creation of account in sendgrid.	24 aug 2022
Implementing web application	It includes creation of UI to interact with application and creation of IBM DB2 and connect wiyh python.	25 aug 2022
Integrating sendgrid Services	In this phase , only need to create the sendgrid integration with python code.	Inprogress

Deployment of app in IBM cloud	It contains containerize the app,upload image to IBM container registry and deploy in kubernetes cluster	Inprogress.

Literature survey	gather/collect the relevant information on project use case.	29 aug 2022
Empathy map	It contain the canvas of our project and it includes the pain and gain	2sep 2022
Ideation	organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance	3 sep 2022
Proposed solution	It consist of problem to be solved ,novelty, social impact,business model and scalablity.	11 sep 2022
Problem solution fit	It consist of customer segments and customer constraints.	12 sep 2022
Solution architecture	. It contains functional requirements and user stories	14 sep 2022

Customer journey	user interactions & experiences with the application (entry to exit)	21 sep 2022
Functional requirement	It includes to collect the fuctional requirements.	22 sep 2022
Data flow diagram	Visual representation of the information flow.	24 sep 2022
Technology architecture	It contains components and technology and application characteristics.	2 oct 2022
Planning phase	It contains milestone activities and sprint delivery.	21 oct 2022
Development phase	Develop and submit the developed code	inprogress