Project Planning Phase
Milestone & Activity list

Date	03 November 2022
Team ID	PNT2022TMID08036
Project Name	SmartFarmer- IoT enabled smartfarming application

Milestone List

Milestone name	Milestone number	Description	Mandatory
Prerequisties	M-01	We will to leam about cloud services and we will install python and required libraries	Yes
Project objectives	M-02	Gain knowledge of Watson Platform, IBM Cloudant DB, web application development and Generating QR codes with the required data	Yes
Create and configure IBM cloud services	M-03	We will create and configure the IBM Cloud services which are being used in completing this project	Yes
Develop a python script To publish And Subscribe To IBM IOT platform	M-04	We will develop the python script to publish the data and subscribe the data from the IBM Watson IOT Platform	Yes
Develop A Web Application Using Node-RED Service	M-05	A Web UI will be created in Node-RED using dashboard nodes available in it	Yes
Ideation phase	M-06	Prepare Literature Survey on the selected Project and Information Gathering, empathy map and ideation	Yes
Project design phase-I	M-07	Prepare Proposed solution, problem-solution fit and Solution Architecture	Yes
Project Design Phase-II	M-08	Prepare Customer journey functional requirements, Dataflow diagram and Technology Architecture	Yes
Project Planning Phase	M-09	Prepare Milestone list, Activity list and Sprint Delivery Plan	Yes
Project Development Phase	M-10	Project Development delivery of Sprint 1, Sprint 2, Sprint 3, Sprint 4	Yes

Activity List

Activity number	Activity	Sub activity	Assignedmember	Status
1.	Prerequisites	IBM cloud services	Sujitha S	Completed
		software	Srinidhi R	Completed
2.	Project objectives			Completed
3.	Create and configure IBM cloud services	Create And Configure IBM cloudservices	Sujitha S	Completed
		Create Node-RED service	Srinidhi R	Completed
4.	Develop a python script To publish And Subscribe To IBM IOT platform	Develop the Python code	Tamil Selvi D	Completed
		Publish data to the IBM cloud	Sujitha S	In-Progress
5.	Develop A Web Application Using Node-RED Service	Develop The Web Application UsingNode-RED	Sujitha S	In-Progress
		Use Dashboard Nodes For CreatingUI(Web App)	Sujitha S	In-Progress
6.	Ideation phase	10.1. Literature Survey.	Srinidhi R	Completed
		10.2. Empathy map.	Tamil Selvi D	Completed
		10.3. Ideation.	Sujitha S	Completed
7.	Project design phase-I	10.1 Proposed Solution	Srimathi G	Completed
		10.2 Problem solution fit.	Srinidhi R	Completed
		10.3 Solution Architecture.	Tamil Selvi D	Completed
08.	Project Design	11.1 Customer journey.	Sujitha S	Completed

		12.2. Functional requirement.	Srimathi G	Completed
	Phase-II	12.3. Data flow Diagrams.	Srinidhi R	Completed
		12.4. Technology Architecture.	Tamil Selvi D	Completed
09.	Project Planning Phase	13.1. Prepare milestone and activity list.	Sujitha S	Completed
		13.2. Sprint delivery plan	Srimathi G	Completed
10.	Project Development Phase	14.1.Project development-Delivery of Sprint-1.	Srinidhi R	Completed
		14.2.Project development-Delivery of Sprint-2.	Tamil Selvi D	Completed
		14.3. Project development-Delivery of Sprint 3.	Sujitha S	In-progress
		14.4.Project development-Delivery of Sprint-4.	Srimathi G	In-progress