

PROJECT DEVELOPMENT PHASE

SPRINT-4

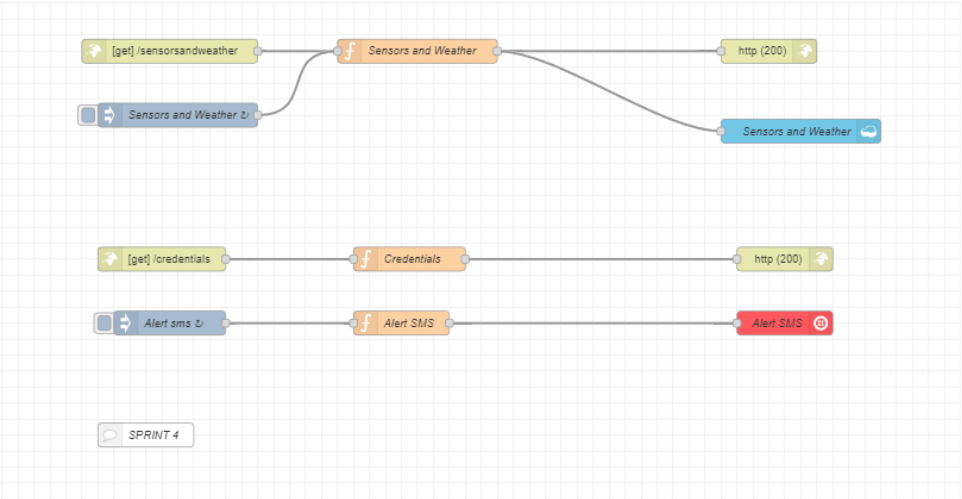
Date	19 November 2022
Team ID	PNT2022TMID35368
Project Name	Smart Farmer-IoT Enabled smart farming application
Maximum Marks	8 Marks

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Storage	USN-11	As a user, my sensor data is stored periodically in CloudantDB	10	Medium	R Abhinav, Yogeshwari
Sprint-4	User Alert	USN-12	As a user, I will receive message alert if field parameters have crossed the critical threshold	10	High	R Abhinav, Yogeshwari

Introduction:-

After completing registration page and dashboard for both web and mobile user final step of sending critical alerts and storing sensor values in a database is done.

Flows:-



Database:-

Database called sensors_and_weather is created to store sensor values and values obtained from OpenWeather API

sensors_and_weat...

All Documents

Query

Permissions

Changes

Design Documents

Document ID

Options

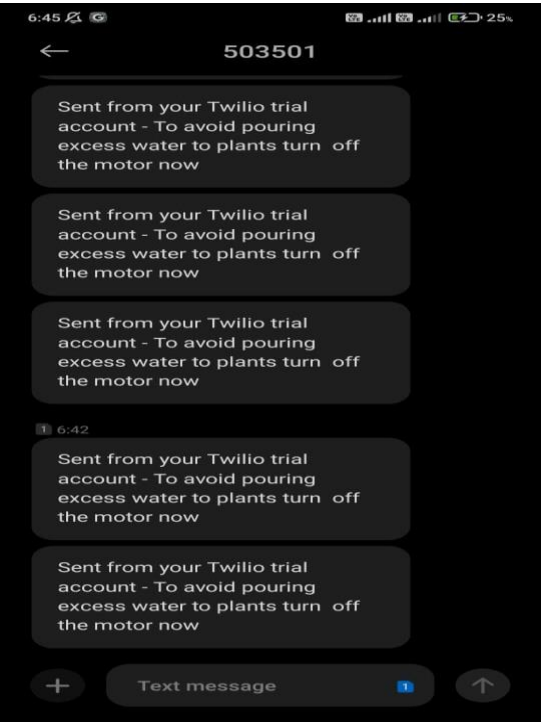
{ } JSON

Create Document

	_id	city	clouds	country	feelslike
	001cbdf8e8454a...	Pallavaram	40	IN	23.5
	00ba6211f16b69...	Pallavaram	20	IN	23.5
	00ba6211f16b69...	Pallavaram	20	IN	23.5
	00ba6211f16b69...	Pallavaram	20	IN	23.5
	00df77eec390b8...	Pallavaram	20	IN	23.5
	00df77eec390b8...	Pallavaram	20	IN	23.5
	00df77eec390b8...	Pallavaram	20	IN	23.5
	0109f76e8fa7f31...	Pallavaram	40	IN	23.5
	0109f76e8fa7f31...	Pallavaram	40	IN	23.5

Alert SMS:-

Alert SMS is created if either water in soil is less or too much of water is present in the soil based on which motor can be operated.



Conclusion:-

Thus, SmartFarmer Project has been fully completed and only documentation parts remain.