Team ID	PNT2022TMID03184
Project Name	Project – Smart farmer-IoT enabled smart farming application.

SOLUTION REQUIREMENTS:

FUNCTIONAL AND NON FUNCTIONAL REQUIREMENTS:

FUNCTIONAL REQUIREMENTS:

NO:	REQUIREMENTS	SUB-TASK
1	REGISTRATION	USER CAN REGISTER USING EMIAL
2	CONFIRMATION	OTP IS SENT TO EMAIL.USER CAN CONFIRM THE EMAIL BY ENTERING THE OTP.
3	LOGIN	AFTER CONFIRMATION THE USER CAN LOGIN.
4	CHECK CREDENTIALS	USER CAN CHECK THE CREDENTIALS GIVEN
5	MANAGE MODULES	1.MANAGE SYSTEM ADMINS 2.MANAGE ROLES 3.MANAGE USER PERMISSSION
6	LOGOUT	AFTER COMPLETING USER CAN LOGOUT

NON-FUNCTIONAL:

NO	REQUIREMENTS	DESCRIPTION
1	Usability	Usability includes easy learn ability, efficiency in use, remember ability, lack of errors in operation and subjective pleasure
2	Security	Sensitive and private data must be protected from their production until the decision-making and storage stages.
3	Reliability	The shared protection achieves a better trade-off between costs and reliability. The model uses dedicated and shared protection schemes to avoid farm service outages.
4	Performance	the idea of implementing integrated sensors with sensing soil and environmental or ambient parameters in farming will be more efficient for overall monitoring.
5	Availability	Automatic adjustment of farming equipment made possible by linking information like crops/weather and equipment to auto -adjust temperature, humidity, etc

6	Scalability	scalability is a major concern for IoT platforms. It has been shown that different architectural choices of IoT platforms affect system scalability and that automatic real time decision -making is feasible in an environment composed of dozens of thousand