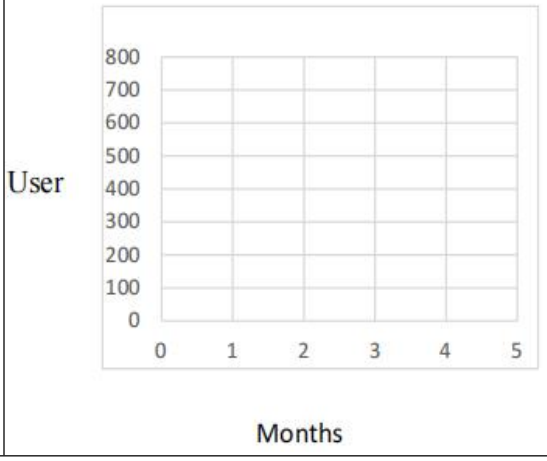
Project Design Phase-I
Proposed Solution Template

Date	21 October 2022
Team ID	PNT2022TMID35124
Project Name	Project – IOT ENABLED SMART FARMING
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	● Our project will be give the problem statement in Smart farming application using IOT. History- based soil health parameters like soil moisture,pH level, temperature etc.
2.	Idea / Solution description	● The most frequently used applications of IOT in agriculture are drones for monitoring fields and spraying crops, health assessment of livestock and irrigation.
3.	Novelty / Uniqueness	**REMOTE ACCESS:** ● It helps the farmer to operate the motor from anywhere. **ALERT MESSAGE:** ● IOT sensor nodes collect information from the farming environment,such as soil moisture,air humidity,temperature,nutrient ingredients of soil,pest images and water quality then transmit collected data to IOT back haul devices.
4.	Social Impact / Customer Satisfaction	● It saves a lot of time ● IOT can also help e-commerce business thrive and increases sales. ● Reduces the wages for labors who work in the agriculture field. ● It makes a wealthy society. ● IOT can help improve customer relationships by enhancing the customers overall experience.
5.	Business Model (Revenue Model)	● Revenue(number of users vs months) 

6.	Scalability of the Solution	● Scalability in smart farming refers to the adaptability of a systems to increases the capacity . ● For example ,the number of technology devices such as sensors and actuators ,while enabling timely analysis.