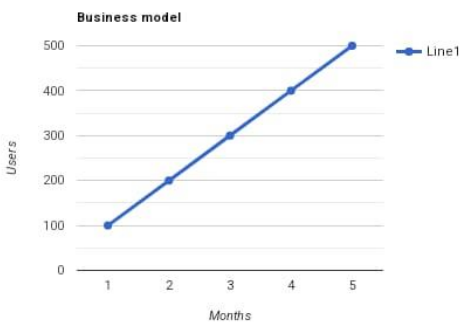


Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID39877
Project Name	Project – Smart Farmer-IOT Enabled smart Farming Application
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"> • Providing Farmers the Ability to Retain water in the soil . • To solve the Lack of Infrastructure knowledge on the IOT and the other Domains. • Converting the solar energy into the useful electric current and improvise a new energy usage system
2.	Idea / Solution description	<ul style="list-style-type: none"> • converting the Farmer into smart Farmers by the means of improving Technological and also modern ways of farming • collecting the data from the sensor reading and then monitoring the field accordingly.
3.	Novelty / Uniqueness	<p>ALERT MESSAGE – IOT sensor Shows an immediate alert to the Farmer based on fire, Gas, moisture, water, environment, such as soil moisture, air humidity, temperature, nutrient ingredients of soil, pest images, and water quality, then transmit collected data to IOT devices.</p> <p>REMOTE ACCESS – Helps to Farmers to access all the sources from his Place.</p>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> • Reduces workload for the farmer • It saves a lot of time. • It can reduce the time as well as save the expenses • Easily maintenance and increase the scale in IOT • IOT can also help e-commerce businesses thrive and increase sales.
5.	Business Model (Revenue Model)	Revenue (No. of Users vs Months)

		 <table><caption>Business model data</caption><thead><tr><th>Months</th><th>Users</th></tr></thead><tbody><tr><td>1</td><td>100</td></tr><tr><td>2</td><td>200</td></tr><tr><td>3</td><td>300</td></tr><tr><td>4</td><td>400</td></tr><tr><td>5</td><td>500</td></tr></tbody></table>	Months	Users	1	100	2	200	3	300	4	400	5	500
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1	100													
2	200													
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4	400													
5	500													
6.	Scalability of the Solution	This makes more Scalability and Based on sources where the user increase the Part of retrieving the usage of technical/technological ideal Presenting sources.												