**Ideation Phase**

Problem Statements

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID22873 |
| Project Name | Smart Farmer - IoT Enabled Smart Farming Application |
| Maximum Marks | 2 Marks |

A report by Indian Agriculture and Allied Industries has the following statistics:

* The Indian food and grocery market is the sixth largest in the world
* India is among the 15 leading exporters of agricultural products in the world
* Sugar production in India reached 26.46 MT between October 2019 and May 2020
* Essential agricultural commodities export for April-Sept ‘20 was over Rs.37,397 crores
* Milk production is expected to increase to 208 MT in FY21 – a growth of 10% y-o-y.
* The livestock population is around 535.78 million- about 31% of the world population
* Agricultural export from India reached US$ 35.09 billion in FY20
* The organic food segment in India is expected to reach Rs. 75,000 crores by 2025

From this report we propose a problem statement that makes burdens for farmers in getting higher yield

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| I am | A farmer |
| Trying to | Get more production from small piece of land |
| But… | Watering and Fertilizing are still tougher |
| Because of | **Regular monitoring of field is very very important** |
| which makes me feel | **More enganged in handling my small peice of land** |

