**Ideation Phase**

**Define the Problem Statements**

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| DATE | 26 September 2022 |
| TEAM ID | PNT2022TMID10305 |
| TEAM LEAD | SHIVANI S |
| TEAM MEMBERS | SAGUNDHALADEVI M  SHINY MARY G  VIDHYAROHINI S |
| PROJECT TITLE | SMART FARMER –IoT ENABLED SMART FARMING APPLICATION |

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| **Problem Statement (PS):** | This system also helps farmers to monitor the soil moisture levels in the field and also the temperature and humidity values near the field. The motors and sprinklers in the field can be controlled using the mobile application. |
| **I am** | A Farmer |
| **I’m trying to** | taking care of the field by analysing the soil moisture level, humidity level and temperature of the crops to watering the plants as they need. |
| **But** | requires a lot of man power for surveillance |
| **Because** | It's really hard to predict temperature without any help. |
| **Which makes me feel** | Frustrated and fearful about the crops getting drought frequently. |