

## IDEATION PHASE

### DEFINE THE PROBLEM STATEMENTS

|                      |   |
|----------------------|---|
| <b>Date</b>          | <b>06 October 2022</b>  |
| <b>Team Members</b>  | <b>Bathri Nath .V ,Gokul vigneesh .S ,Ganesh kumar .S ,Madan Durkesh .T</b> |
| <b>Project Name</b>  | <b>IoT Based Smart Crop Protection System For Agriculture</b>               |
| <b>Maximum Marks</b> | <b>2 Marks</b>  |

|          |  |   |  |                            |
|----------|--|---|--|----------------------------|
| I am     | I'm trying to  | But   | Because  | Which makes me feel        |
| Farmer . | Crop health monitoring and suggest remedial action . | I have no efficient system for monitoring . | because of requires an unlimited inter and well organized monitor system . | Less hope on horticulture. |

| <b>Problem Statement (PS)</b> | <b>I am (Customer)</b> | <b>I am trying to</b>            | <b>But</b>   | <b>Because</b>                       | <b>Which makes me feel</b>        |
|-------------------------------|------------------------|----------------------------------|--|--------------------------------------|-----------------------------------|
| PS-1                          | Farmer                 | Monitoring the growing condition | It involves risk on related equipment and understand the use of technology | Requires more knowledge and skills   | Irritated                         |
| PS-2                          | Farmer                 | Smart and precision irrigation   | Climates changes to increased maintenance of channels                      | Purchasing and installing costs high | Suitable for mass crop protection |

