

## Ideation Phase

### Define the Problem Statements

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|---------------|--|
| Date          | 22 September 2022  |
| Team ID       | PNT2022TMID30948   |
| Project Name  | Project- <b>Real-Time River Water Quality Monitoring and ControlSystem</b> |
| Maximum Marks | 2 Marks  |



| <b>Problem Statement (PS)</b> | <b>I am (Customer)</b>                                | <b>I'm trying to</b>  | <b>But</b>  | <b>Because</b>  | <b>Which makes me feel</b>  |
|-------------------------------|---|---|---|---|---|
| PS-1                          | I'm an villager who suffers from impure water issues. | I'm trying to take an initiative of consumin g pure river water that prevent major and minor health issues in people. | But i can't achive due to that i can't find proper method than manual practices or can't find an apt product. | Because of poisonous state of water we are unable to use it efficiently because it creates major and minor health issues to villagers.  | It makes me frustrated and makes me answerable for the health and Risk factors that the villagers take. |
| PS-2                          | I'm an farmer.  | I'm developing food and Forage crops.   | But often get disappointe d due to chemical imbalance in the water Supply from river.                         | Since use Of fertizliers Itself produce necessary growth in crops the untreated river water Creates decay of crops which goes to waste. | It makes me to feel the clueless about my Farming technique s and survival.                             |