IDEATION PHASE

Define the Problem Statements

| Date | 22 September 2022 |
|---------------|---|
| Team ID | PNT2022TMID03096 |
| Project Name | Real-Time River Water Quality Monitoring and Control System |
| Maximum Marks | 2 Marks |



| Problem | I am | I'm trying | But | Because | Which |
|----------------|------------|---------------|--------------|-------------|------------------|
| Statement (PS) | (Customer) | to | | | makes me feel |
| PS-1 | I'm an | I'm trying | But i can't | Because | It makes |
| | villager | to take an | achive | of | me |
| | who | initiative of | due to that | poisonous | frustrated |
| | suffers | consumin | i can't find | state of | and |
| | from | g pure | proper | water we | makes me |
| | impure | river water | method | are unable | answerable |
| | water | that | than | to use it | for the |
| | issues. | prevent | manual | efficiently | health and |
| | | major and | practices | because it | Risk factors |

| | - | | | | |
|------|---------|------------|--------------|----------------|------------|
| | | minor | or can't | creates | that the |
| | | health | find an apt | major and | villagers |
| | | issues in | product. | minor | take. |
| | | people. | | health | |
| | | | | issues to | |
| | | | | villagers. | |
| PS-2 | I'm an | l'm | But often | Since use | It makes |
| | farmer. | developing | get | Of fertizliers | me to feel |
| | | food and | disappointe | Itself | the |
| | | Forage | d due to | produce | clueless |
| | | crops. | chemical | necessary | about my |
| | | | imbalance | growth in | Farming |
| | | | in the water | crops the | technique |
| | | | Supply from | untreated | s and |
| | | | river. | river water | survival. |
| | | | | Creates | |
| | | | | decay of | |
| | | | | crops which | |
| | | | | goes to | |