

## Ideation Phase

### Define the Problem Statement

|               |   |
|---------------|---|
| Date          | 19 September 2022   |
| Team ID       | PNT2022TMID26570  |
| Project Name  | Project – IOT based Real-Time River Water Quality Monitoring and Control System |
| Maximum Marks | 2 Marks   |



|                     |   |   |
|---------------------|---|---|
| I am                | Common people living a normal life on Earth | Common people living on Earth who consume water in their day-to-day life for different purpose                          |
| I'm trying to       | Monitor the quality of the water            | Wants to monitor the water consumed everyday whether the water is contaminated or pure, pH, temperature, salinity in it |
| but                 | Do not know to monitor the quality of water | Time consuming process for manual testing   |
| because             | Lack of required knowledge                  | Common people lack knowledge of this type of testing, sensors etc.  |
| Which makes me feel | Doubted and fearful of the consumed water   | Decline of pure water, increasing viral diseases  |