Ideation Phase

**Define the Problem Statements**

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| Date | 08.10.2022 |
| Team ID |  |
| Project Name | Real time water quality monitoring and control systems |
| Maximum Marks | 2 Marks |

**Customer Problem Statement Template:**

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you’ll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

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| **Problem Statement (PS)** | **I am (Customer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| PS-1 | All humans(in india mainly  Is big cities the municipality corporation use lots of chemical to purify the river waterthen supply that to the people. | To check the quality of water using sensors and to direct the path automatically to water purifying system and shutdown all the devices in industry except the osmosis plant. | Catchment:  1)special areas  2)land management  3)sewage improvemen  4)education  Reservolrs:  1)in-lake treatment  2)source selection  Delivery:  1)pre-treatment | Water quality monitoring systems using robot. | By implementing this,letting out the impure water from the industries into the rivers,lacks or other water resources can be prevented. |
| PS-2 | Non-personal labels that can be used to group behavioral data into persona groups or categories. | Proper mindset and balance.  Commitment to improved physical health.  Career passion and personal satisfaction.  Financial stability. | Treatment :  1)flocculation and filtration  2)disinfection  Tap :  1)Australian drinking water guidelines | Purification of water by botential plants and solar energy based purification systems. | The impure water from the industry can be purified and that water can be uses for futher purpose. |