

# NALAIYATHIRAN

Team ID : PNT2022TMID24072

## ***EFFICIENT WATER QUALITY ANALYSIS AND PREDICTION USING MACHINE LEARNING***

### **PROBLEM AND STATEMENT:**

Problem: One in nine people worldwide uses drinking water from unimproved and unsafe sources. 2.4 billion people live without any form of sanitation.

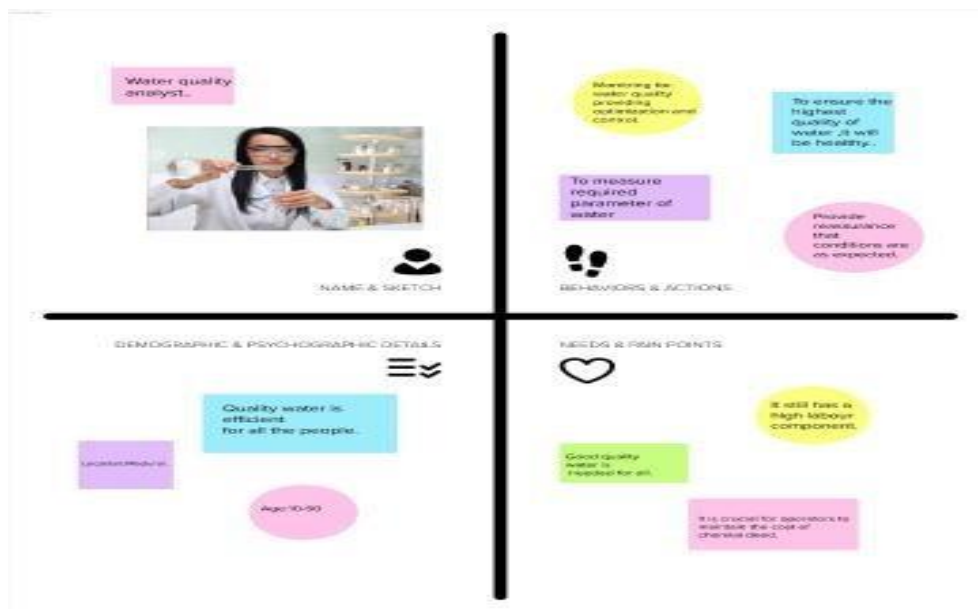
I. Water is one of the most essential for the existence of life. The safety and accessibility of drinking-water are major concerns throughout the globe.

II. Water makes up about 70% of the surface and is one of the most important sources vital to sustaining life.

III. Water quality has been conventionally estimated through expensive and time consuming lab and statistical analysis.

IV. This system is proposed to check the water quality and warn the user before water gets contaminated using Machine Learning.

### **EMPATHY MAP:**



**TEAM LEAD:**

E.Sai Sree Harsha

**TEAM MEMBERS:**

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