Date	19 September 2022
Team ID	PNT2022TMID21316
Project Name	IoT Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

TEAM MEMBERS:

19C120 – ASHOKKUMAR P

19C023 – GOKUL ANANTH M

19C022 – GIRINATH S

19C106 – SUGANTHAN A

19C127- GOPINATH E

Empathy Map Canvas:

An empathy map is a simple, easy-to-digest visual that captures knowledge about a measures that records the conditions of the water bodies
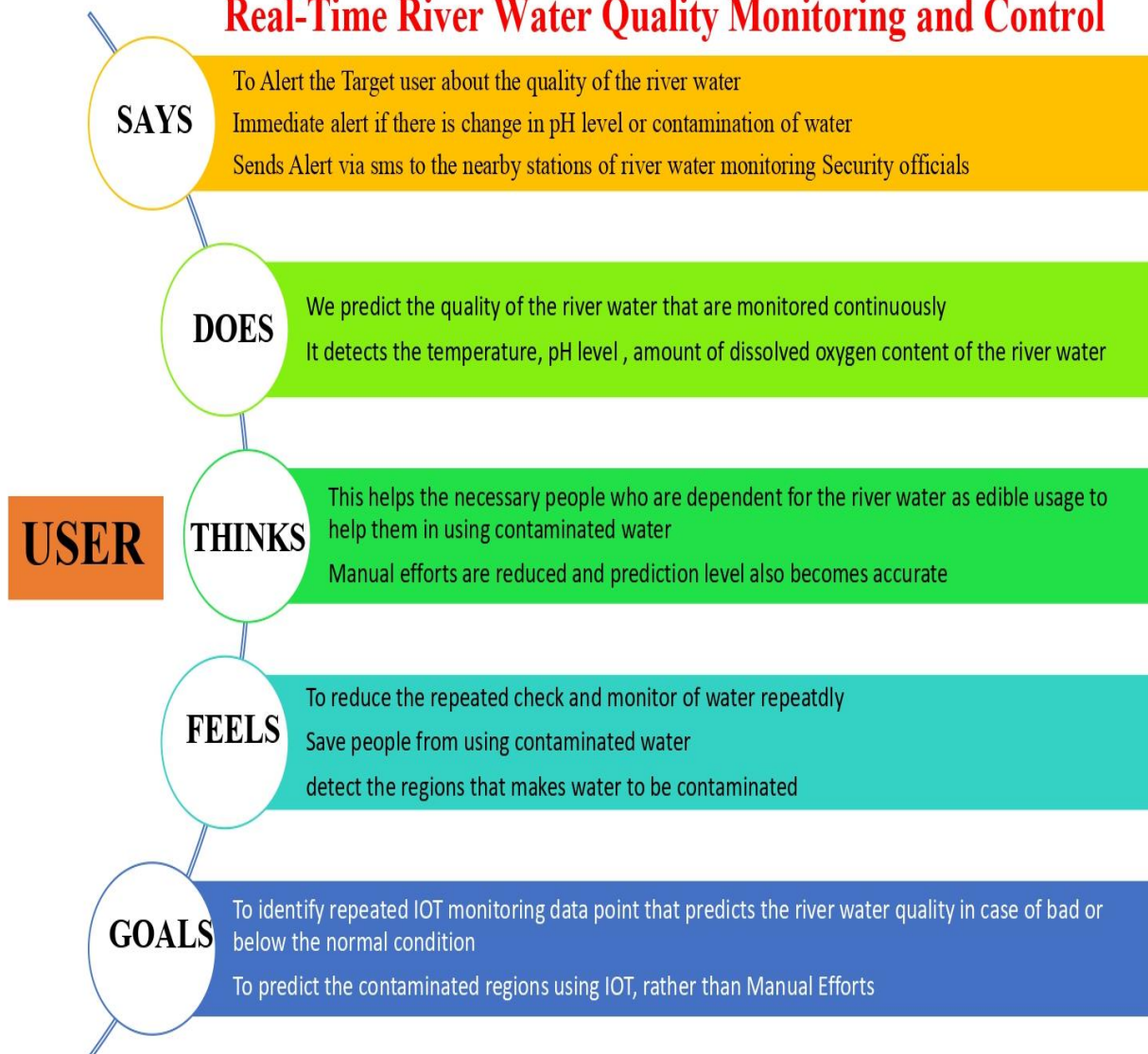
It is a useful tool to helps teams better understand their users.
Creating an effective solution requires understanding the true problem and the region who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges.

TOPIC: SMARTFRAMER- IoT ENABLED SMART FARMING APPLICATION

EMPATHY MAP

Real-Time River Water Quality Monitoring and Control

USER

SAYS
To Alert the Target user about the quality of the river water

Immediate alert if there is change in pH level or contamination of water

Sends Alert via sms to the nearby stations of river water monitoring Security officials

DOES
We predict the quality of the river water that are monitored continuously

It detects the temperature, pH level , amount of dissolved oxygen content of the river water

THINKS
This helps the necessary people who are dependent for the river water as edible usage to help them in using contaminated water

Manual efforts are reduced and prediction level also becomes accurate

FEELS
To reduce the repeated check and monitor of water repeatdly

Save people from using contaminated water

detect the regions that makes water to be contaminated

GOALS
To identify repeated IOT monitoring data point that predicts the river water quality in case of bad or below the normal condition

To predict the contaminated regions using IOT, rather than Manual Efforts

PAIN:
- DELAY IN WARNING
- MAY NOT GIVE ACCURATE RESULTS

GAIN:
- AUTOMATION
- RESULTS WILL GET REFLECTED ONCE THE THRESHOLD HAS REACHED