REAL -TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

PROBLEM STATEMENTS:

- ➢ Sandhya is a Jypsy women

  Who needs a purified water

  Because she doesn't want to affect by diseases

- ➢ Krithika is a Working women

  Who needs a good environment

  Because she likes to have a healthy future

- ➢ Neemo is a Foodie Fish

  Who needs a healthy plants in the river (only grown by the pure water)

  Because it needs a good life time

- ➢ Suresh is a Fisherman

  Who needs healthy fishes

  Because he need to eat a healthy fishes as well as to sell the good quality fishes

What do they THINK AND FEEL?
what really counts
major preoccupations
worries & aspirations

- If the river looks dirty Can we use this water ?
- Whether the sensor always detects?
- All people are drinking only the pure water?
- To keep the river water always clean
- The river is majorly affected by the industrial pollution
- What to do if the power consumption is less in sensor?

What do they HEAR?
what friends say
what boss say
what influencers say

- Whether the river sand purify the water?
- By using the solar panel we can get the power easily at any time
- If we use impurified water it will affects our health
- Water is polluted due to the mixing of industrial waste

What do they SEE?
environment
friends
what the market offers

- The chemical factories are near by the river
- Sometimes the animals move to the river
- Often, Human begins will wash their cloth
- The Algae is present on surface of the river

What do they SAY AND DO?
attitude in public
appearance
behavior towards others

- Industrial waste can be deposited and decomposed under the land
- Do not throw away medicines
- Use less plastics
- Industries should built far away from the river
- More sewages releases
- Pollution causes water to become toxic
- More wastages are throwing to the river side

PAIN
fears
frustrations
obstacles

- Because of throwing dusts it will create some mess smell
- Water pollution may cause diseases
- It will affects the Eco system
- This water is harmful for drinking

GAIN
"wants" / needs
measures of success
obstacles

- Measure the water quality
- Find ph level
- Using sensor
- Concentrated chemical should be controled