

# Describing a Problem

## DEFINING PROBLEM STATEMENT:

- IOT-Based water monitoring system helps in measuring the pH level of water
- A pH sensor is a scientific device used to measure acidity and alkalinity in water and other liquid substances accurately
- Quality of river water can be monitored by the web application
- When there is presence of the dust particles in the River water, the presence can be known by the help of web application
- If the water quality is not good so that they can go and announce the localities not to drink that water, the authorities can be altered.

QUESTION	DESCRIPTION
Who does the problem affect?	Humans Beings, Marine organisms ,Animals which are dependent on water source etc.
What are the boundaries of the problem?	Geographic (River water)
What is the issue?	Pollution of river water
What happen when it is Fixed?	Pure water can be acquired, purified water can be used for agricultural purpose. Marine organisms can be rescued for the consuming of the polluted water.
What happen when it is not Fixed?	Ecosystem will be affected , the River water will be too polluted.

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When does the issue occur?	When the chemical fertilizers mix with the river water.
Where is the issue occurring?	River water

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Why is it important that we fix the problem?	To get purified water and to rescue the marine organisms and the animals.
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