REAL-TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

PROBLEM STATEMENT:

Mr. Arjun is a 65 years old man. He was living in the village he only use that river water for drinking, bathing, agriculture and for all purposes. Few days later polluted sewage water mixed with that river water so he cannot use the water. So he Faced a lot of problems of using the river water. Not only he the total village facing this issue.

- Arjun and that village peoples wants the better solution for River water quality monitoring and the control system by the web application.
- They wants to alerting the authorities if the river water quality is not pure so that they can announce the localities not to drink that water.
- Mr. Arjun and village peoples needs to know the result immediately.

Who does the problem affect?	Human beings, Plants, Aquatic animals, Animals.
What are the boundaries of theproblem?	People who are around the river are facing lot of the health issues.
What is the issue?	In river water aspects, the polluted water could causes.
	Water Born Diseases like Cholera, Typhoid, Diarrhea, etc.
	Death of Aquatic animals like
	Fishes, Shrimp, lobsters, and so on.
	Agriculture: It affects agriculture so on.
When does the issue occur?	During the dispatch and public use of river water will be affected by various diseases.

Where does the issue occur?	The issue occurs in agriculture Place, Drinking water.
Why is it important that we fix the problem?	Water is a basic essential thing for the living things.
What solution to solve this issue?	An automated system is introduced to identify the water quality to ensure the purity of the water by using different IOT sensors.
What methodology used to solve the issue?	Deep learning techniques are used to identify the water purity and monitor the river water and precautions that can be taken for those issues.