

Quality Monitoring and
Control System

SCENARIO	PHASE	STEPS TO IMPLEMENT	OBJECTIVE OF THE PROJECT	CHALLENGES DURING IMPLEMENTATION	OPPORTUNITIES			
<div>Browsing, booking, attending, and rating a local city tour</div>								
<div>PHASE</div> <div>Steps to implement the project. Easy Representation to the user.</div>	<div>Testing the quality of the water</div>	<div>Measuring the PH, temperature and required parameters</div>	<div>Monitoring and controlling the water quality</div>	<div>Seperation of dirty and pure water and recycle them</div>	<div>Altering the authorities, if the water quality is not good</div>			
<div>STEPS</div> <div>How to implement</div> <div>Methods for implementation</div> <div>Description of the components</div>	<div>Depending on the quality of water, they offer for a tour of the city and good health to a group of citizens and health.</div> <div>Increasing water pollution in rivers, they will have right waterborne control new advanced methods in watering system.</div> <div>Remove the solid waste from water and remove the columns if the water.</div> <div>Separate the water into soluble and dissoluble.</div> <div>No shower before bathing ability to reduce the amount of water consumption in shower water.</div> <div>Hot water provides an effect on remove bacteria to keep safe for any used amount of water consumption the hot water is used before to be released.</div>	<div>its constitute varies from 0 to 14 pH</div> <div>Mathematically pH is referred as, $pH = -\log [H^+]$</div> <div>Suitably ions sensor is used to measure the quality of element or substance other in the water.</div> <div>pH value also gives the solubility of elements and compounds making them compatible.</div> <div>irrigate is viable at levels above 80 NTU</div> <div>The normal temperature of the people is (25 -30)°C</div> <div>pH value also gives the solubility of elements and compounds making them compatible.</div>	<div>The system should be reliable and scalable</div> <div>If visitors are not aware of the quality of the water, they will not use the system.</div> <div>To measure water pollution, they will use the method of measuring the quality of the water in the river.</div> <div>Due to the limitation of the budget, they will use the quality of the water in the river.</div> <div>To simulate and evaluate quality parameters for quality control.</div> <div>The data visualization application can be used to monitor the quality of the water in the river.</div>	<div>A new garden is a constructed area which contains a variety of plants, trees and flowers etc.</div> <div>Recycle water is a process of reusing water that has been used before. It is a process of reusing water that has been used before.</div> <div>Adding a pinch of salt for each quart or liter of boiled water</div> <div>Water used to wash vegetables often get down the drain</div> <div>If the acquired value is above the threshold value comments will be displayed as "BAD".</div> <div>If the acquired value is lower than the threshold value comments will be displayed as "GOOD".</div> <div>To send SMS to an authorized person routinely.</div> <div>other water quality detected does not match the proper standard, so that necessary action can be taken.</div>	<div>If the river water quality is correct level groundwater level increases.</div> <div>Animals and birds are drinking river water.</div> <div>River water is essential for human being.</div> <div>In the exposed environment, water quality is not good and the groundwater level is low.</div> <div>The consumption of water is a solution to water quality problems. Therefore, minimize the use of groundwater, increase water temperature.</div> <div>It is a good idea to use the water in the river to the point where the water is good to use.</div> <div>pH Conductivity, Salinity and Temperature can be measured/monitored using the principle of multi-parameter detection.</div> <div>Amperometric method can measure the change of pH and the change of the concentration of the substance.</div>	<div>the collection of sensor data, including low-quality raw data. This brings additional challenges when it comes to understanding and monitoring water quality.</div> <div>In many regions in the world, raw data sets related to water quality cannot be obtained directly, mainly due to various regulations and data protection laws.</div> <div>Intelligence-enabled IoT offers a way to address problems such as these</div> <div>Every laboratory has a number of the number of samples it can analyze in a given period, such as a day or a week.</div> <div>[Description of a positive moment]</div> <div>[Description of a positive moment]</div> <div>Designs, good features and reliability of the technology for testing water quality has become a necessity for people.</div> <div>Many water testing laboratories face technical difficulties.</div> <div>According to the questionnaire given by the World Health Organization (WHO), water quality sensors should be used to test the water.</div>	<div>Chemical waste products from industrial process are discharge into river.</div> <div>pollution meter due to acid rain</div> <div>Therding of sand from floodside may cause the river to dry fast.</div> <div>Because of throwing dirt it will create some mess smell</div> <div>water pollution may cause disease</div> <div>This causes harm to organisms living in the river water.</div> <div>it will affect the ecosystem this water is harmful for drinking this causes harm to organisms living in the river water.</div> <div>To assemble data from various sensor nodes and send it to the base station by the wireless channel</div> <div>The environment around consists of five key elements: air, soil, water, climate, natural vegetation, and landforms. Among these water is the most crucial element for human life.</div> <div>This causes harm to organisms living in the river water.</div> <div>Also increasing river water temperature affect the living organism.</div> <div>In this research, we monitor the physical and chemical properties of water bodies.</div> <div>To simulate and evaluate quality parameters for quality control.</div> <div>To send SMS to an authorized person routinely.</div> <div>Recycle water is a process of reusing water that has been used before. It is a process of reusing water that has been used before.</div>	<div>Used in the agricultural for cultivation and other purposes</div> <div>We use the detector to easily identify our device</div> <div>Our device is reliable compared to other devices</div> <div>We include sensor for detection of PH level of the water</div> <div>Here we used temperature sensor to detect the temperature of the water</div> <div>We need high precision components for quality testing.</div> <div>Belief Rule Based (BRB) system and is also compared with standard values.</div> <div>Water quality monitoring has gained more interest among researchers in this twenty-first century</div> <div>The main aim is to develop a system for continuous monitoring of river water quality at remote places using wireless sensor networks with low power consumption.</div> <div>Climate change related use of IoT, including Cybersecurity. If you follow the manufacturer's instructions correctly.</div> <div>Ultraviolet light (UV) light can be used to kill some germs.</div> <div>The sun's rays can improve the quality of water. This method may reduce some germs in the water</div> <div>It is used in agricultural field for testing the river water quality</div> <div>Used in the industrial purpose</div> <div>It helps people to become conscious against using contaminated water as well as to stop polluting the water.</div>
<div>CHALLENGES</div> <div>what are challenges available during the implementation phase.</div>								
<div>PAIN POINTS</div> <div>What are the problem that user has to face.</div>								
<div>OPPORTUNITIES</div> <div>what are the future scope for this project</div>								