









Team ID: PNT2022TMID06691

SCENARIO	PHASE	STEPS TO IMPLEMENT	OBJECTIVE OF THE PROJECT	CHALLENGES DURING IMPLEMENTATION	OPPORTUNITIES
<div></div> <div>Browsing, booking, attending, and rating a local city tour</div>	<div></div> <div>PHASE</div>	<div></div> <div>STEPS TO IMPLEMENT</div>	<div></div> <div>OBJECTIVE OF THE PROJECT</div>	<div></div> <div>CHALLENGES DURING IMPLEMENTATION</div>	<div></div> <div>OPPORTUNITIES</div>
<div></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></div> <div>STEPS</div> <div><ul style="list-style-type: none">How to implementMethods for implementationDescription of the components</div>	<div>Depending on the quality of water & try either to be a source of the and good health or a source of diseases and death</div> <div>Increasing water pollution in rivers, seas, and more regions worldwide demands more advanced methods in monitoring systems</div> <div>Remove the solid waste from water and remove the colorless if the water</div> <div>Separate the water into soluble and dissoluble</div> <div>A wireless Sensor Network (WSN) is a multi-hop and self-organizing network of small, cheap water characteristics monitoring nodes</div> <div>The water parameters are difficult to measure accurately if it deals with the very small amount of some concentration that need a sensitive sensing device for its detection</div> <div>Its constitute varies from 0 to 14 pH</div> <div>Mathematically pH is referred as $pH = -\log [H^+]$</div> <div>turnkey turn sensor is substituted to measure the quality of element or mudstones element in the water</div> <div>The system should be reliable and scalable</div> <div>To measure water parameters such as pH, dissolved oxygen, turbidity, conductivity, etc using a standard sensor at a minimal price</div> <div>pH values also process the solubility of elements and compounds making them compatible</div> <div>Due to the limitation of the budget, only few focus on monitoring the quality of new water parameters</div> <div>To simulate and evaluate quality parameters for quality control</div> <div>The data visualization application use on client devices such as Smart phones, laptop and desktops</div> <div>A test garden is a constructed area which reflects sewerage treatment, pipes and drainage etc</div> <div>Adding a pinch of salt for each quart or liter of boiled water</div> <div>Drinking water is also wanted by many of us at homes, even if unintentionally</div> <div>Water used to wash vegetables often just goes 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>If water quality detected does not match the preset standards, so that, necessary actions can be taken</div>	<div>if the river water quality in correct level groundwater level increase</div> <div>Animals and birds are drinking river water</div> <div>River water is essential for human being</div> <div>In the present network each sensor will be distributed around the river and the sensor devices capable of measuring the parameters such as turbidity etc</div> <div>The incorporation of quality is a reduction in only early implementation (network), distributed the use of smartphones, increase water temperature</div> <div>Unable to control can't guarantee the temperature of the if flow into the device using the combination sensor and the use of smartphones</div> <div>improvement and restoration of soil quality and flora, taking productivity rates</div> <div>Ease and convenience of usage</div> <div>If sampling is the sole way that water quality is checked, there is unfortunately always the prospect of human error</div> <div>supply and securing of clean and sufficient drinking water for the population</div> <div>provision and securing of access to sanitation</div> <div>enhance product quality and reduce risks</div> <div>To meet the water to reduce the water quality must be secured to the water resources to meet the water quality targets</div> <div>To ensure safe drinking water through good water supply practice</div> <div>improve customer service. Make sure employees are trained in quality</div> <div>primary goal of quality improvement is to improve outcomes</div> <div>For an indicator to be effective it must provide a clear measure of a component of the</div>	<div>what are challenges available during the implementation phase.</div> <div>In many regions in the world, low data was 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 limited number of samples it can analyze in a particular period, say a day or a week</div> <div>[Description of a positive moment]</div> <div>[Description of a positive moment]</div> <div>Despite, good features and low cost, the use of sensors for testing water quality is still a challenge for many a freshwater for Sports</div> <div>Many water testing laboratories face technical difficulties</div> <div>According to the guidelines given by the World Health Organization (WHO), water quality samples should be stored in low temperature</div>	<div>What are the problem that user has to face.</div> <div>Chemical waste products from industrial process or discharge into river</div> <div>pollution maker due to acid rain</div> <div>Thefting of sand from Riverside may cause the river to dry fast</div> <div>Because of throwing dirt it will create some mess small</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 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 e.g., soil, water, climate, natural vegetation, and sandstones. Among these water is the utmost crucial element for human life.</div> <div>This causes come to the river water</div> <div>Also increasing river water temperature effect the living organism</div> <div>In this research, we monitor the physical and chemical parameters 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>Real time monitoring of water quality is very important for the protection of public health. However, the use of sensors for testing water quality is still a challenge for many a freshwater for Sports</div>	<div>what are the future scope for this project</div> <div>Used in the agricultural for other purposes</div> <div>We use the detector to easily identify our device</div> <div>Our device is miniature 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>Chlorine dioxide tablets can kill germs, including Cryptosporidium. If you follow the manufacturer's instructions correctly</div> <div>Ultraviolet light (UV) 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 sensitive against using contaminated water as well as to stop polluting the water</div>