

# User journey

TEAM ID : PNT2022TMD02419

PROJECT NAME : REAL-TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

<div><div></div><div>Phases</div><div>High-level steps your user needs to accomplish from start to finish</div></div>	<div>Examination of the river water</div>	<div>Determining the pH of water</div>	<div>Separation of pure water and filthy water</div>	<div>Recycling contaminated water for use in agriculture</div>
<div><div></div><div>Steps</div><div>Detailed actions your user has to perform</div></div>	<div>Whether the river water is dirty or not</div> <div>Verify the environment around any river water.</div> <div>Find out if the industrial trashes are combining with river water</div>	<div>Check whether the pH is between 6.5 and 8.5</div> <div>Consequently, determining the pH for drinking</div> <div>If the pH level is appropriate, we can use it for drinking</div>	<div>People typically recognize pure water by looking at its upper layer, thickness, and color.</div> <div>Using a gadget to find pure water</div> <div>Usage of water purifier to separate pure water and dirty water</div>	<div>Collect the dirty water and send the water to the recycling factory</div> <div>Chemical components are used in the recycling process</div> <div>Finally, reclaimed water is distributed to farmers for agricultural use</div>
<div><div><div><div></div><div>Feelings</div><div>What your user might be thinking and feeling at the moment</div></div><div><div>👍</div><div>👎</div></div></div></div>	<div>The level of ground water will rise if the quality of the river's water is at an appropriate level.</div> <div>Animals and birds are drinking river water.</div> <div>For human survival, river water is crucial.</div>	<div>They feel better if the PH of the river water is similar to the PH of pure water.</div> <div>They perceive their surroundings as being more secure.</div> <div>They feel at ease after consuming pure water every day.</div>	<div>Supplying a certain volume of water for industrial use.</div> <div>Without having to worry about getting sick or other issues brought on by river water, they might feel safe.</div> <div>They are delighted to be consuming fresh water.</div>	<div>Water that has been recycled can also be utilised for other things..</div> <div>Used in various industrial settings as well</div> <div>This reclaimed water is also usable in manufacturing facilities</div>
	<div>The quality of the ground water will decline if the river water is poor</div> <div>Animals and birds are unable to consume river water if it is contaminated.</div> <div>Humans don't need contaminate d water to survive.</div>	<div>People are unaware of the river water's PH rating for drinking.</div> <div>Due to river water pollution, people may believe that the environment is unclean.</div> <div>They regularly drink river water and believe it to be of poor quality.</div>	<div>They were also concerned about the illnesses brought on by the filthy river water.</div> <div>They were also concerned about the living things.</div> <div>People require healthy fish from river water to sell</div>	<div>People who live by the coast are the ones most impacted by river water pollution.</div> <div>For industrial purposes, recycling water is sufficient.</div> <div>Every day, there is access to clean water</div>
<div><div></div><div>Pain points</div><div>Problems your user runs into</div></div>	<div>Rivers receive chemical waste products from industrial processes.</div> <div>Sand theft from riverbanks could speed up the river's drying process</div> <div>Acid rain may contribute to pollution.</div>	<div>It will produce some mess and stench because of the dust it throws</div> <div>Diseases may result from water pollution.</div> <div>It'll have an impact on the eco system.</div>	<div>It is dangerous to drink this water.</div> <div>The aquatic life in the river is harmed by this.</div> <div>Additionally, the living things are affected by the temperature of the river water.</div>	<div>The river water is being contaminated by sewage and waste water.</div> <div>Do not dump any solid waste into streams of water as this impedes water movement and causes pollution.</div> <div>River water will be impacted by climate change.</div>
<div><div></div><div>Opportunities</div><div>Potential improvements or enhancements to the experience</div></div>	<div>We employ the detector to quickly locate our equipment.</div> <div>Utilizing drones for ongoing surveillance</div> <div>When compared to other devices, ours is little.</div>	<div>We have a sensor that measures the PH of the water.</div> <div>Using a solar panel for power.</div> <div>We affix a premium battery.</div>	<div>Using a water-resistant equipment helps to ensure safety.</div> <div>We can regulate the water's PH level using this equipment.</div> <div>The device is accessible anywhere at any time.</div>	<div>If the PH level of river water is detected, we can guarantee that the water is pure.</div> <div>Utilize this device to regulate the water quality.</div> <div>Life time of the device is more</div>

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