People 2-9 Time 30 min

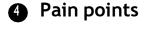
Difficulty Beginner

Creating a user journey is a quick way to help you and your team gain a deeper understanding of who you're designing for, aka the stakeholder in your project. The information you add here should be representative of the observations and research you've done about your users. ρ

TEAM ID : PNT2022TMID06942

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

Phases gh-level steps your user needs to complish from start to finish	Analysing the river water	Finding the pH level of water	Separation of pure water and dirty water	Recycling of dirty water for agricultural use
2 Steps Detailed actions your user has to perform	Whether the river water is dirty or not Check the surroudings of river water Also find whether the industrial waste are mixing into river water	Check whether the pH is between 6.5 and 8.5 Check So finding the drinking the drinking level of pH level is normal we can use it for drinking purpose	Normally peoples identify the pure water by observing the upper layer, thickness and colour of water Normally peoples identify the pure water finding machine Usage of water purifier to separate pure water and dirty water	Collect the dirty water and send the water to the recycling factory Collect the dirty water is sent to components for recycling process Finally recycled water is sent to farmers for agricultural purpose
3 Feelings What your user might be thinking and feeling at the moment	If the river water quality is in correct level, ground water level will increase. Animals and birds are drinking river water is essential for human beings.	If the PH level of river water is matches to the PH level of pure water, they feel good. They feel comfortable after drinking pure water daily.	Supplying some amount of water for commercial uses. They might feel secure without worrying about infection or some other problems caused by river water. They feel happy about drinking pure water.	The recycling water can also be used for some other purpose. Also used for some industrial recycled water.
	If the river water quality is not good, then the ground water will get welcerease. If the river water is polluted then animals and birds cannot able to drink decrease. Polluted water water is not essential for human beings.	People don't know about the PH value of the river water for drinking. People may feel that water daily and also they are feeling that the river water is polluted. They use river water daily and also they are feeling that the river water is not good.	They also worried about the diseases caused due to the polluted river water. They also worried worried the healthy fishes from river water for selling.	Coastal people are the major affected people by river water pollution. Recycling water is water is sufficient for industrial purpose. Recycling water water water is available for every day.



Problems your user runs into

Chemical waste products from industrial processes are discharge into river.

Thefting of sand from river side may cause the river to dry fast

Thefting of Pol may due

Pollution may occur due to acid rain.

Because of throwing dusts it will create some mess smell. It will affect the Eco system.

This water is harmful for drinking.

This causes
harm to the
organisms
living in the
river water

Also increasing
river water
temperature
affects the living
organisms

Any time and

any where

can find the

device.

Sewage and waste water are mixing into the river water

Dont throw any solid waste into the water streams as it clogs the flow of water thereby leading to pollution Climate change will affect river water

Opportunities

Potential improvements or enhancements to the experience

We use the detector to easily identify our device

Using drone for everytime monitoring

Our device is miniature compared to other devices

We include sensor for detecting PH level of water.

Used solar panel for energy.

Water

pollution

may cause

diseases.

We insert high quality battery.

Water proof device is used for ensuring safety.

By using this device we can also control the PH level of the water.

We can give the guarantee about pure water in case of detecting PH level of river water.

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Control the water quality using this device

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