User journey

by the Design Team of Accenture Interactive NL

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 user.

TEAM ID : PNT2022TMID13167
PROJECT NAME : REAL-TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

1 Phases

High-level steps your user needs to accomplish 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
- So finding the drinking level of pH
- If the 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
- Using 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
- Using chemical 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.
- The 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 more secure about their environment
- 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 purpose.
- In manufacturing company they can also use this recycled water.

- If the river water quality is not good, then the ground water will get decrease.
- If the river water is polluted then animals and birds cannot able to drink water.
- Polluted 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 environment is not clean due to 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 about the living organism.
- People need the healthy fishes from river water for selling.
- Coastal people are the major affected people by river water pollution.
- Recycling water is sufficient for industrial purpose.
- Is the pure water is available for every day.

4 Pain points

Problems your user runs into

- Chemical waste products from industrial processes are discharge into river.
- The fling of sand from river side may cause the river to dry fast
- Pollution may occur due to acid rain.
- Because of throwing dusts it will create some mess smell.
- Water pollution may cause diseases.
- 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
- Sewage and waste water are mixing into the river water
- Don't 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

5 Opportunities

Potential improvements or enhancements to the experience

- We use the detector to easily identify our device
- Using drone forevery time monitoring
- Our device is miniature compared to other devices
- We include sensor for detecting PH level of water.
- Used solar panel for energy.
- 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.
- Any time and any where can find the device.
- We can give the guarantee about pure water in case of detecting PH level of river water.
- Control the water quality using this device
- Life time of the device is more

Drag the table to the add columns.