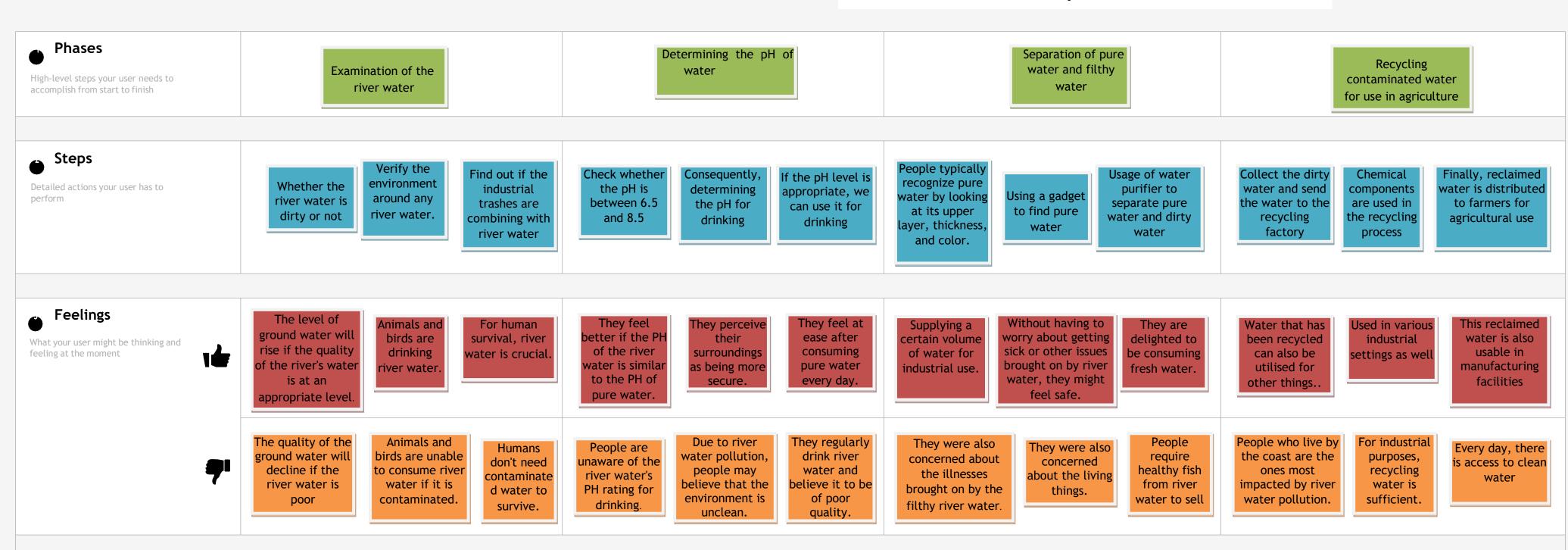
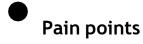
TEAM ID : PNT2022TMID02419

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





Problems your user runs into

Rivers receive chemical waste products from industrial processes.

Sand theft from riverbanks could speed up the river's drying process

Acid rain may contribute to pollution.

It will produce some mess and stench because of the dust it throws

Diseases may result from water pollution.

It'll have an impact on the eco system.

It is dangerous to drink this water. The aquatic life in the river is harmed by this. Additionally, the living things are affected by the temperature of the river water.

The river water is being contaminated by sewage and waste water.

Do not dump any solid waste into streams of water as this impedes water movement and causes pollution.

River water will be impacted by climate change.

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Opportunities

Potential improvements or enhancements to the experience

We employ the detector to quickly locate our equipment.

Utilizing drones for ongoing surveillance When compared to other devices, ours is little.

We have a sensor that measures the Phof the water.

Using a solar panel for power.

We affix a premium battery. Using a waterresistant
equipment
helps to
ensure safety.

We can regulate the water's PH level using this equipment.

The device is accessible anywhere at any time.

If the PH level of river water is detected, we can guarantee that the water is pure.

Utilize this device to regulate the water quality.

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the device
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is more