

O Phases

O Steps

DetDNe
d actions
your
user 'ras
to
perform

Check if river water is dirty or not	Check surroundings Of river water	Find if industrial waste is mixing into river water
---	--	---

Check whether the pH level is between 6.5 and 8.5	If pH level is normal, we can use it for drinking purpose	So we find the drinking water by pH level
---	---	---



Usin
pure
water
finding
machine

O Feelin

gs
What vov
user might
be thinking
and feeling
at the
moment



If the river water quality is correct. ground water level increases	Animals and birds drink river water	River water is essetial for everyone
--	--	---

Comfort : drinking water dail	If pH level c river water matches with pH level c pure water then it is	They feel secure about their surroundings
---------------------------------------	--	--

Supplying
some amount
of water for
commercial

If river water quality is not good, then ground water will decrease.	If river water is polluted then animals and birds cannot drink the water.	Polluted water cannot be used by human beings.
---	--	---

Polluted water cannot be used by human beings.	People may feel environment is not clean as the river is polluted	people who use the river water will be affected if it is dirty.
--	--	---

They are also
worried
about
diseases due
to polluted
water.

O Pain
points
Problems
user runs
into

Chemical waste products from industries discharge into river.	Theft of sand from river side may cause the river to dry fast.	Pollution may occur due to various reasons.
---	--	---

alysing th
river water

Water
pollution
may cause
diseases.

Throwing
waste in
water gives a
bad smell
from it.

This will
affect the
eco
system.

Finding th
pH level of

parating pur
and dirty wate

Polluted
water will
be harmful
for
drinking.

Device is
small
compared

too other
devices

We use the detector to easily	Drone can be used for everyday monitoring.	The device is small compred to other devices.
--	---	--

pH sensor
is used for
detecting
pH level Of
water.

Solar
panels are
used for
generating

find our device.		
------------------	--	--



We
include pH
sensor for

uses
solar
panel for
energy

We insert
high
quality

detecting
pH



Of
battery

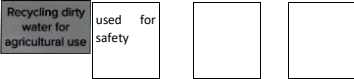
Water
proof
device

We can
control
pH level
of water

Any time and
anywhere, we
could find the
device

steps your use: leed% to accomplsll trctn stavt to ' vvsh

gth-level



O Opportunities

Potential improvements or orlhancements to the experience