

What do they
**THINK &
FEEL?**

Is the water is
clean

contaminated water
and poor sanitation
may cause diseases
like cholera,typhoid
and polio.

Ensure the river
water is drinkable

worried about the
health issues

Provides the
condition of the
water

Usage of various
sensors to verify
the river water
quality

What do they
HEAR?

What do they
SEE?

wireless
transmission of
data from the river
to the mobile using
node MCU.

Notify whether
the water is
drinkable or not

data from the sensors
will be stored on the
cloud platform
(thingspeak)

What do they
SAY & DO?

to know the dissolved
solids amount,and
hydrogen level in the
river water

Email notification
about the condition
of the water

Monitoring the
river water

Personal health
assistant

PAIN?

GAIN?

In high water
current,the device
may gets damaged

Cloud cost much
to store the
continuous data
from the sensors

Can know the
water is
drinkable or
not

Avoid diseases