

smartWC

Why?



Why?

1

Dirty floor, dirty vase or even worst wet toiled seat



Why?

2

Strong perfume smell or even worst strong stink



Why?

3

Toiled seat is always up



Why?

4

Washing your hands is healthy



Why?

5

Knowing who is using before gives you a chance to avoid any inconvenience



Why?

6

Maintenance is cheaper when users keep it clean



Why?

7

Sometimes status is unclear if its busy or free



How?



How?

1

WC is empty, closed, door displays users rankings, health tips, and  images as screensaver



How?

2

Ultrasonic sensor in the door detects possible user approximation



How?

3

Camera detects face and take picture which is shown on screen



How?

4

Face recognition detects user as known user or new user



How?

5

New user gets presented with accept terms while opening door



How?


6

Before door is open a photo is taken inside the empty toilet before the use



How?

7

As door opens, ambient music from  **DEEZER** start playing



How?

8

Door display the current user rating

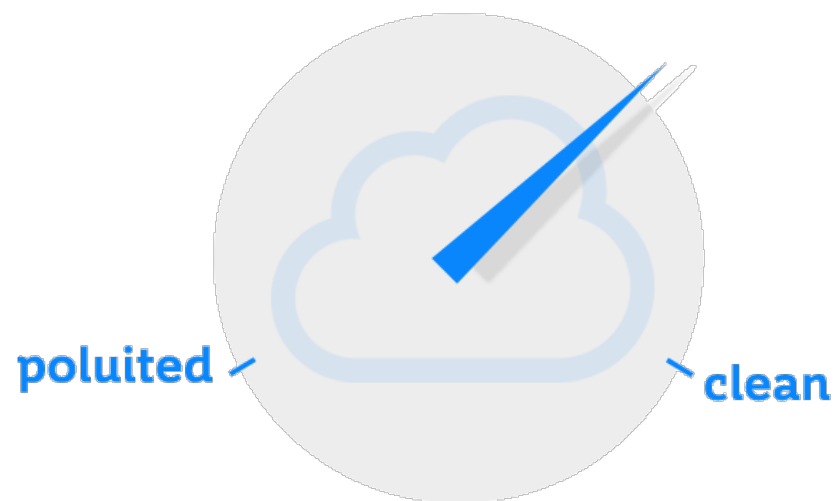


How?

9

Internal sensors starts data collection:

A. In the toilet air quality sensor detects when to spray perfume



 **air quality**

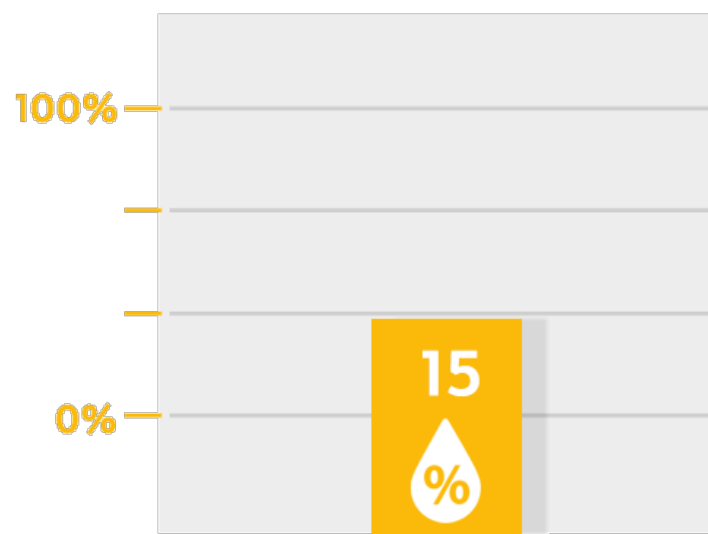


How?

9

Internal sensors starts data collection:

B. "Raindrop" sensor detects if user did pee on the toilet seat

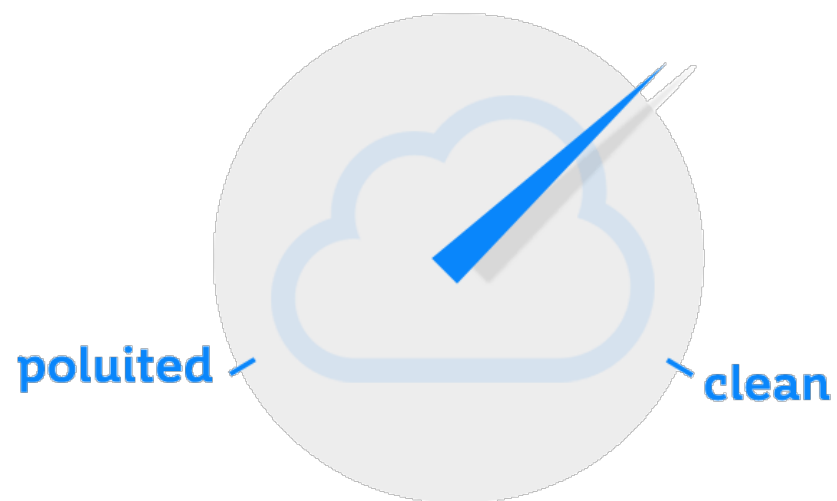


How?

9

Internal sensors starts data collection:

C. "Gas" sensors detects really "Raindrop" sensor detects if user did pee on the toilet seat



 **air quality**

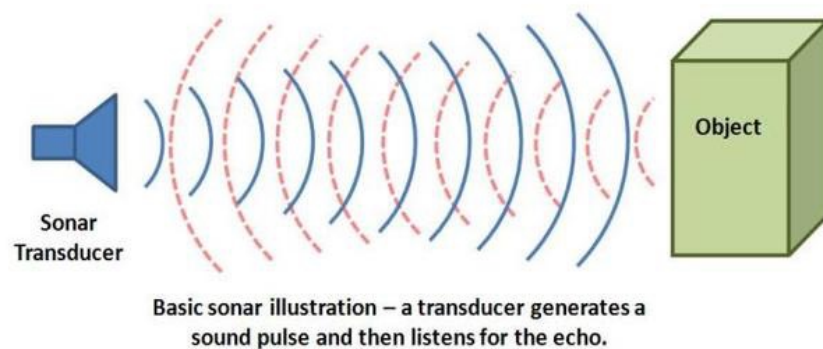


How?

9

Internal sensors starts data collection:

D. Ultrasonic sensor detects if the toilet seat was set back down

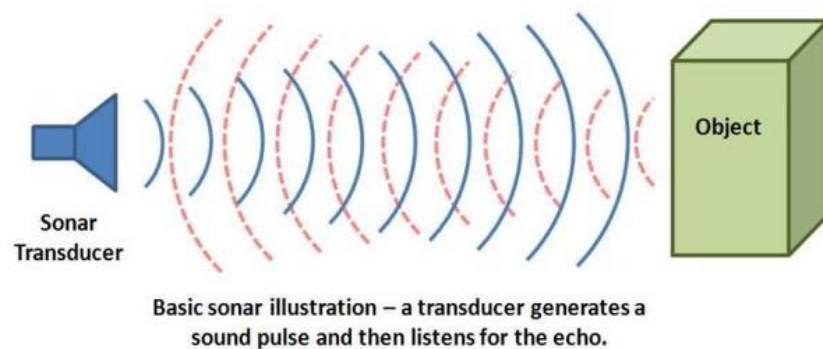


How?

9

Internal sensors starts data collection:

E. Ultrasonic sensor detects if user washed hands



How?

10

When user leaves the toilet another photo is taken and compared with the photo taken before the use



How?

11

After every session an evaluation of usage is generated and the last user ranking is updated



Demo

