Safe & Clean

Dispenser
v4.0

Physical upgrade / added features

· Display added next to the refill fuel cap
· Display scrolls between different types of information
· Display shows liquid level inside the liquid tank
· Display detects when the tank is being filled with liquid and then only shows liquid level with an update every 10ms
· Display shows battery level
· Fuel cap upgrade
· Added IoT antenna next to the fuel cap
· On/off switch upgrade
· Liquid container covered with plastic coating
· Pump upgrade
· Main parts of liquid container upgraded to stainless steel
· Optimized angle of spray nozzle

IoT modifications and extra features

· Dispensers can be renamed using an alias
· Spray volume can be adjusted for each machine
· Usage data output
· Liquid level read out
· Battery level read out
· Warnings sent by email to one or multiple receivers when battery or liquid level drops below X % (setting done by client using the dashboard)
· Daily and monthly overview of usage
· API
· Control level added to dashboard showing data of multiple locations or facilities

Display

Liquid tank

On / Off switch

Antenna

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