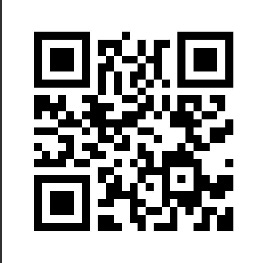
SMART ALERT

Q CODE TO Your Product Website/Presentation/Video

1. Karthik Reddy, Shravika Todupunuri, N Sai Ranga Reddy

Problem: Washroom cleaning process involves lot of personnel which is error prone , inefficient and costly.

Product: A device which senses the cleanliness level of washroom by the count and gas level and alerts the cleaning person.

Initial Prototype:

Shows the working mechanism of the product.

Progress:

Week 1: Prototyping

Week 2: Interviewed the customers who are going to be buyers

Week 3: Improving according to the reviews

Week 4: Redesigned the product according to the feedback

Week 5: Market Research

Week 6: Final Testing is done and product is made ready.

Contributors:

Mentor Sandeep suggested to use gas sensor model and guided us towards our 2nd criteria.

Dr. HimaBindu explained us the use of using different sensor for identifying each gas that is responsible for bad odor.

Customer Stories:

Customers shared that they experience the problem very frequently and are looking forward for a solution like this

Business:

Mostly accepted by the customers.

Cost & Revenue:

Rs 4150 & 4150000 / 1000 units

Sales & Marketing:

Direct contact method to advertise the product.

Technology:

NodeMCU microcontroller

Photo electric sensor

Gas sensors, relays etc.