



MISUV

**Members : Junliang , Amberlyn , Celeste , Valerie ,
Vanessa**

Regent Secondary School

Teacher : Ms Sea , Ms Cheak , Ms Aisha





Project overview

- Product is meant to get rid of bacteria
- Users with hygiene problems due to poor hygiene habits
- People who dine out regularly
- Hygiene problems
- No matter what you do or who you are, the MISUV is able to help sanitise whatever you need it to do, tables, hand, etc.

Light reach some places where mist cant



Research Findings

- Too bulky
- difficult to bring around
- It is very creative
- very amusing and cute.

- Too heavy
- Not recycle
- Bacteria life is short
- Uv ray may harm skin
- Too small of range

People created hand sanitizer to:

- Solve the problem of hygiene problem
- But hand sanitizer was not enough to completely kill the germ.
- alcohol will dries out your skin and get injury to our body, it will cause harm to our body.

<https://www.healthline.com/health/side-effects-of-hand-sanitizer#side-effects-of-hand-sanitizer>

Proposed Solutions

The product is a design that have mist sanitizer with uv light . The target user group are everyone who dines out / people who are scared of germs. In order to resolve hygiene related illness. And make it convenient for people ensure their hygiene safety.

Diagram? In future we will make it smaller

Aesthetic design?

Uv

Mist

Mechanism to adjust

Our product design principles

Accessibility

- Easily accessible, all the functions in the product can be easily accessed;
- Able to control the amount of mist produced
- UV is not harmful and is able to kill bacteria at optimum temperature

Sustainability (Metal)

- the battery is reusable which is good for the environment
- the material is sustainable too

Affordability

- Pocket design Uv ultra light-\$12.00
- Multi-use reusable mist sprayer-\$15.00
- Super efficient power Battery-\$7.49
- Others expensive materials-\$22.99



Target audience

- Scalability (Able to expand the market target audience?)
- Doctors are able to use it too as it is quite functional and also convenient.
- Everyone is able to use the product, no matter your age or job.





Unique selling point

- Uv-Controlled by corkscrew (Ranges)
- Uv ring lights up which indicates that it is turned on (Off - No light)
- Mist-Controlled by a on and off button.
- Rechargeable battery, with an indicator on the left.
- Liquid indicator that is transparent to keep track of the amount of sanitiser left.
- Rounded compartment - The rounded compartment is translucent and it allows the liquid to flow to the bottom, increasing the amount of usage.











