Statement of the Problem **(Revised)**

This study aims to determine the effectiveness of ultra violet lights in disinfecting using an automatic disinfection box.

Specifically, the study sought to find the answers to the following questions:

1. What is the significant difference between ultraviolet-based disinfectant and alcohol-based disinfectant in terms of their effectiveness? **(t test)**

2. What is the significant effect of ultraviolet intensity to be use in terms of its effectiveness? **(One sample t test)**

3. What is the significant difference among the different duration in terms of its effectiveness? **(anova)**

1. 10 sec
2. 20 sec
3. 30 sec

4. How does the automatic disinfection box be described in terms of: **(descriptive only, weighted mean only of result)**

a) necessity

b) quality

c) value for money

d) approval

5. among the respondents, they described the product in terms of ... (Yung top 3 na choices na may pinakamaraming sagot)

References:

Rijal N. (June 2022), “Spread Plate Technique: Principle, Procedure, Results”, “microbeonline.com/spread-plate-technique/”

https://www.surveymonkey.com/mp/customer-satisfaction-survey-template/