# SWST 41062 Enterprise Application Development
# Assignment – 01

## Topic – Manufacturing

**How to Work with This System.**

1) After the download exe file, click on that file and open it.

2) After the open file, you can see the application such as (**Figure 01**)

3) You should select the bottle colour, bottle size, bottle type, bottle cap, and other selection options.

4) After selection, you can submit your design.

5) If your design not following the design condition system gives the error message.  (**Figure 02**)

6) Close that error message and click on the 'Need Any Help' option then read the designing condition. (**Figure 4**)

7) Re-fill the design form according to the design guidelines and submit it.

8) After your design is submitted system gives the message to you. (**Figure 03**)

**If the .exe file will not open**

1) Click on the following link and download the Python code from GitHub.
   GitHub link: https://github.com/ThiyuniRobertson/EAD-Assignment

2) Then open the code on your desktop using the code editor software.
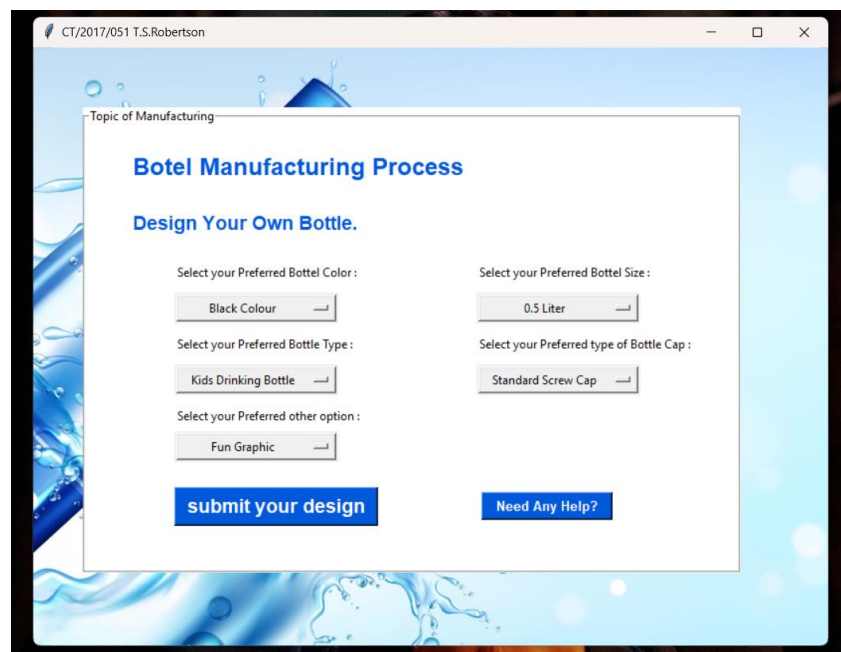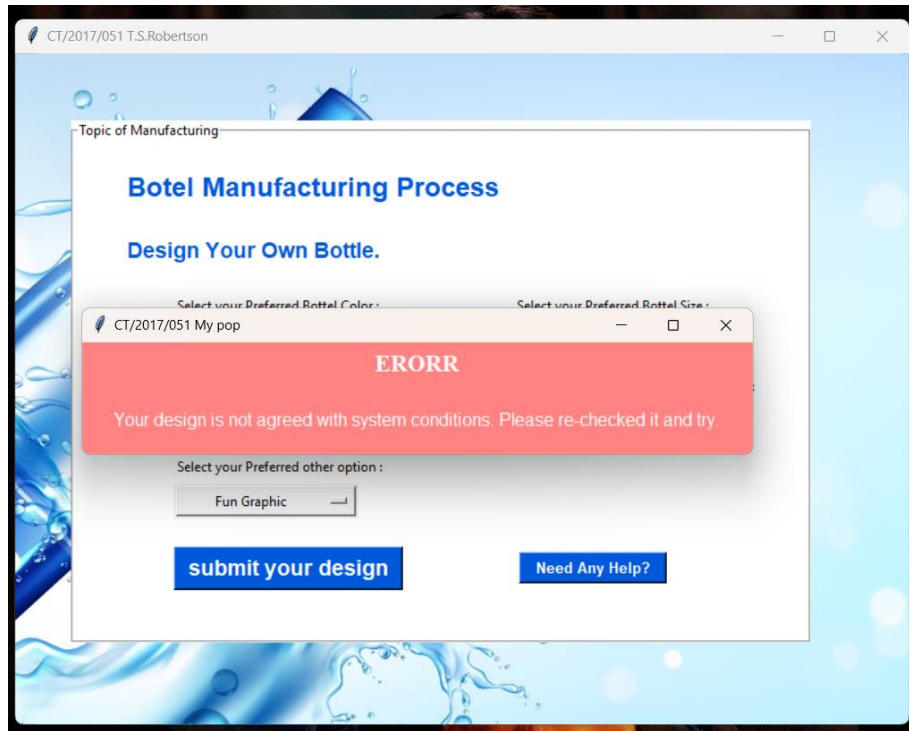
3) Then run the code.
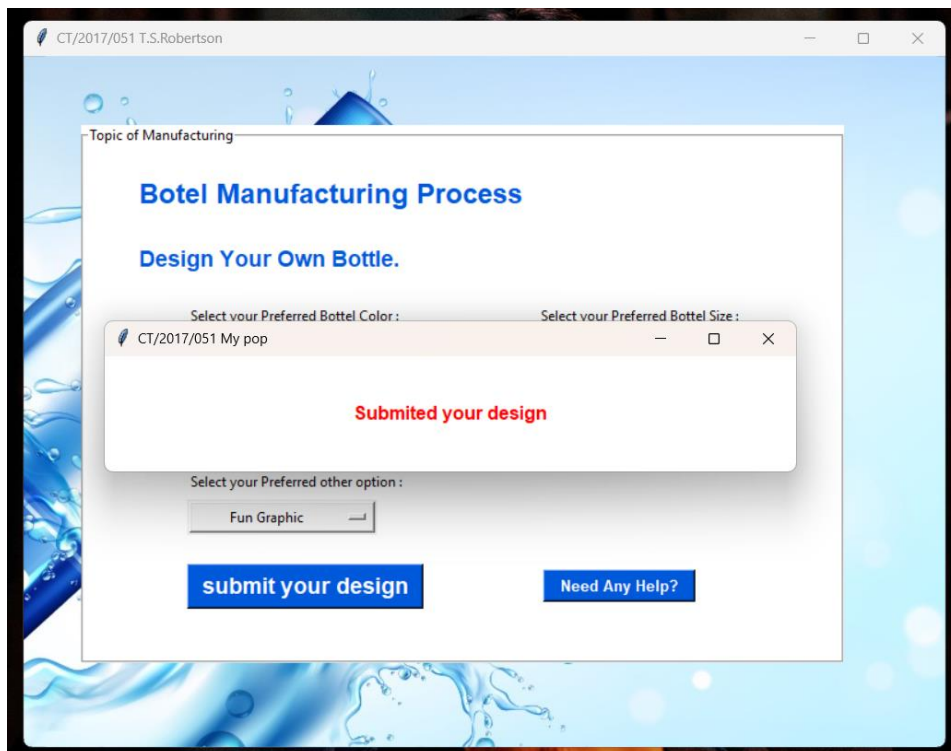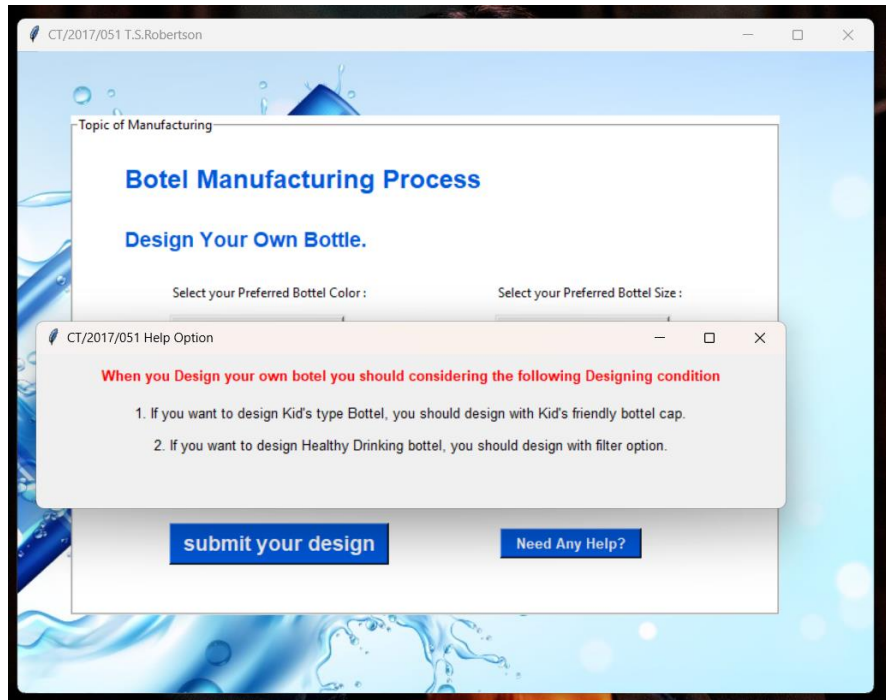


Figure 01

Figure 02



Figure 03

Figure 04

## FAQ & System Process.

1. **What are the conditions of the selection process?**
   - If the kids' type is selected, the bottle cap should be kids-friendly.
   - If selected the Healthy Drinking Bottle, should select the Filter option.

2. **What happens after Submit the Preferred Design**

   Selected design options pass to the next process of bottle manufacturing. That process work on another system part.

# System Process

Start

Select Colours
Select Num.of.Liters
Select bottle Type
Select Bottle cap
Select Other option

If Select
Kids Type
?

Yes

IF
Bottle cap
kids froenly
?

Yes

No

No

Dispaly the error
message

No

If Select
Health Type
bottle
?

Yes

IF select
Filter
?

No

Yes

Show the select Option

End