Github Repository Link:

<https://github.com/hpruett5/SDEV140-Final-Project-HPruett>

Final Code is named: HPruett\_GUI\_ode

I created the windows, established their size, color, and window titles in Module 6. I also created a function, added 2 labels, 3 buttons, and 1 callback button. I also commented on that code.

Moving from Module 6, I added more labels, totaling to 13 labels, added more buttons, totaling to 3 buttons, created 4 spin boxes and 7 entry boxes. I also added 2 images and created a user manual. I commented on the code.

**Problems:**

I had issues learning how to make the windows look aesthetically pleasing. I used the pack.pady= function to make pretty space around labels, buttons, and entry boxes.

I had many issues learning how to insert and open images that other users could access. Thankfully this worked:  
module\_path = os.path.dirname(os.path.realpath(\_\_file\_\_))

input\_path = os.path.join(module\_path, "shoppingcart.gif")

output\_path = os.path.join(module\_path, "shoppingcart.gif")

img2 = ImageTk.PhotoImage(Image.open (output\_path))