Name: Mohammad Siddiqui Date: 03/03/2021

**Self-Assessment Tool – COVID -19**

This project helped me learn a lot about python and how to interact with various libraries. When I first began this project, I was anxious, but as time went by, it became easier.

My primary aim for this project was to build an app that allows people to self-assess for COVID-19. I wanted to do it, but I did not know where to begin or what to do. Tkinter was going to be used to represent the messages on a canvas. However, as the deadline approached, it was not progressing.

My main goal with this project was to create a good program and learn as much as possible. Throughout the project, I had highs and lows. Even if my entire Python environment becomes infected, I must uninstall and reinstall all. People are scared and insecure in their own homes, which is why I want to work on this project. I just read in the news that several people attempted suicide after learning they had COVID-19. I would like to reassure everyone that there's no need to be concerned. All happens for a reason, so we should all stop going out and maintaining social distance to avoid COVID-19 exposure. Some people are already experiencing symptoms but are unable to seek medical help. One of my friends was infected with COVID-19 and was so terrified that he refused to take a test, and within a few days, he had infected every member of his family. He is now anxious and regretful for not going to the hospital. After some analysis, I developed a self-testing program.

I took some detours because I could not get tkinter to work, so I tried flask, which did not work either, so I went with standard code to make my project work. I am very pleased with how far I have progressed with this project; it was becoming increasingly difficult to take feedback from all of the questions and display the correct results. It took a long time for me to patch the code. I am sure that, at the very least, I can code in Python; it is not perfect, but it'll satisfy. All gains knowledge from their errors. I made some major mistakes and attempted to fix them in order to complete my project. I tried to see the project as a challenge and make the decision that I had to complete it.

The safe objective was to create an app. However, if I create the app, I am confident that I can meet the stretch goal of making it accessible to people of all ages. If you're worried about your health, use our easy, free app to find out if you're at risk for COVID-19. Our app will ask you a few questions about your symptoms, travel plans, and social interactions, and then walk you through the next steps. If you look at the result or output, you will notice that the questionnaire isn't too difficult to complete. After that project I started learning more about flask after I researched a bit more, I found out I can do what is in my head with the project, but it requires a little more attention and time towards the project. If I must do this all over again, I will probably go with Jupiter Notebook I saw some tutorials on YouTube, and it seems fun to work with.

I achieved a lot of things from this project. I learn how to figure it out the issue when you stuck in something and I hope this project will help me on my future. I will put all my efforts to make the app and try to publish it.