Final Project Report

For this project, I worked by myself (no group) and was responsible for every feature created during the development of my application. The app I chose to make falls under the 'Useful App' topic category as I chose to develop a text editor, Notepad, which was one of the suggested topics for this category. Using Qt, I created a graphical user interface (GUI) that actively displays text written by a user and offers text editing/file options.

My application works by taking the user input and outputting it into a textbox field. I also used action methods to create a tool bar with options such as: creating/saving a new note, opening a note, undoing/redoing text, removing text, and copying/pasting text from the textbox field. Ultimately, I was able to develop this functionality within my application using classes/objects and functions.

Throughout the entire implementation of my app, I used key object-oriented programming concepts from the course such as classes, inheritance, and polymorphism. This is repeatedly displayed through my usage QWidget within the MainWindow class and its involvement in the development of my derived action methods. An additional comment I would like to make is I also integrated Git into my project. My project's Github repository can be found in the link provided: https://github.com/vp967128/CSE165-PROJECT.