ABSTRACT
Over the years the need for images that are better, clearer and sharper has increased in demand. This demand has not only been in the conventional day-to-day life but also it has also been able to find its way into the professional world in fields like law, medicine, oceanography, etc. This led to the development of interpolation-based algorithms that has being used to enhance images that serve different purposes. Out of the three most common interpolation-based technique the one that was adopted for this project is the bicubic interpolation which is the best among the three. The tools and programming language used for implementing the bicubic interpolation is the Microsoft Visual Studio code IDE where the code would be written and the JavaScript programming language.