**Comparison and Discussion of Results of the Gaussian filter based on Kernel Size**

**3X3**

This Gaussian filter kernel had a better performance than the rest and did not result in as much blurring. This is the most effective in removing salt and pepper noise and sometimes speckle noises.

**5X5**

This kernel size resulted in a little less blurring compared to the larger kernel size of 7X7 and this can often be used in place of the 3X3 kernel size

**7X7**

This gave the most blurred image and would often results in the most variant image from the original. It can be seen that the smaller the kernel size the better the performance of the Gaussian filter.