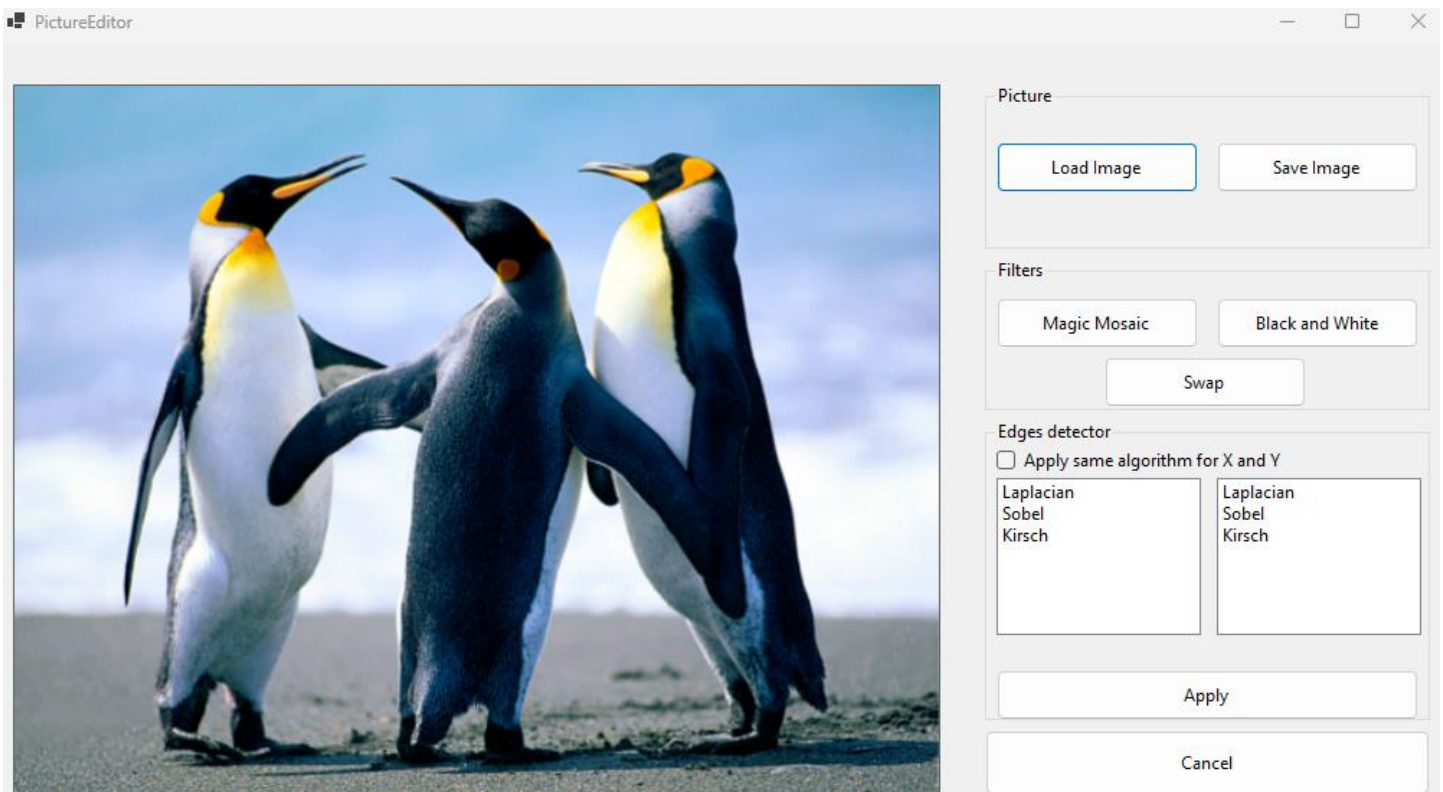


# User Guide

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**As part of the course:**  
625-1 – Test Driven Development

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## 1. Load an image

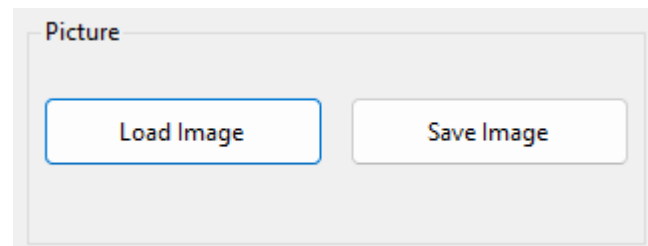


Figure 1 : "Load and Save an Image"

In the image section of the interface, you can load an image from your computer into the application.

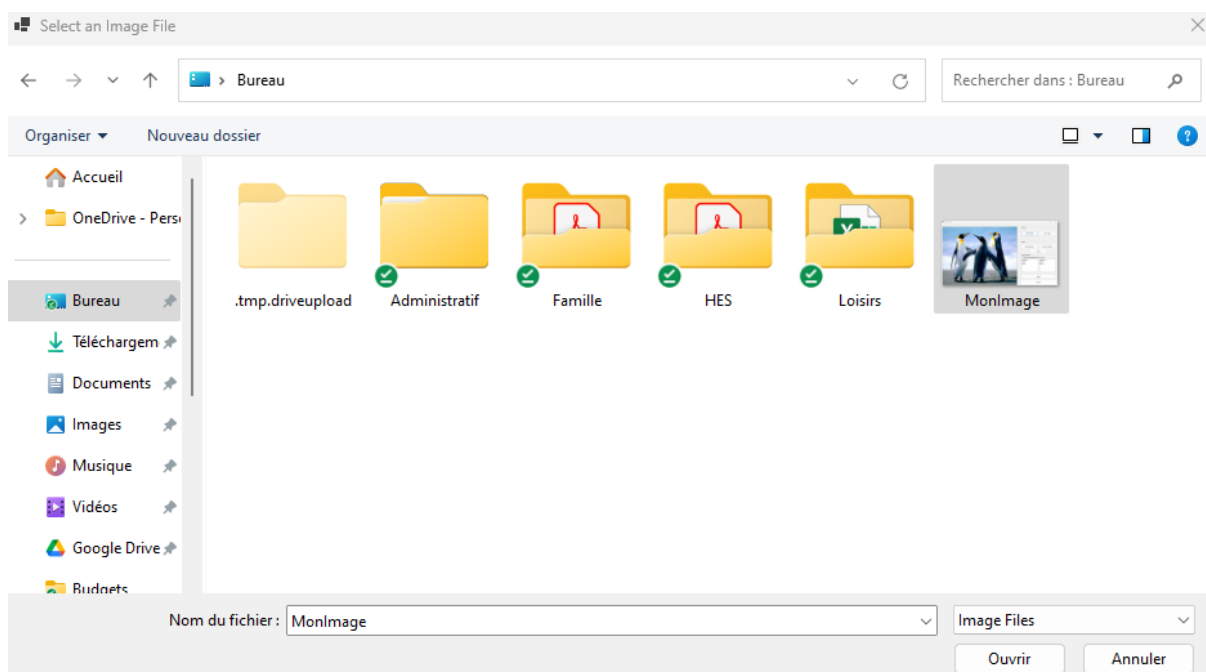


Figure 2 : "Load an Image"

Select the image you wish to work on before clicking on "Open".

## 2. Apply filters

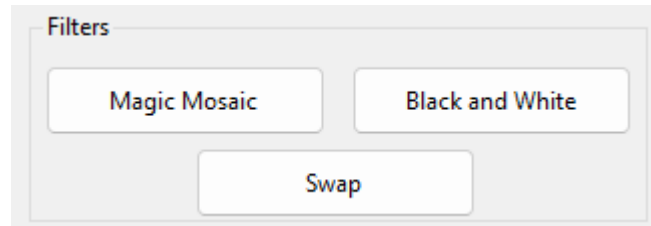


Figure 3 : "Choose the filter(s)"

As shown above, choose the filter(s) you wish to apply to your image.



Figure 4 : "Result of the Magic Mosaic Filter"

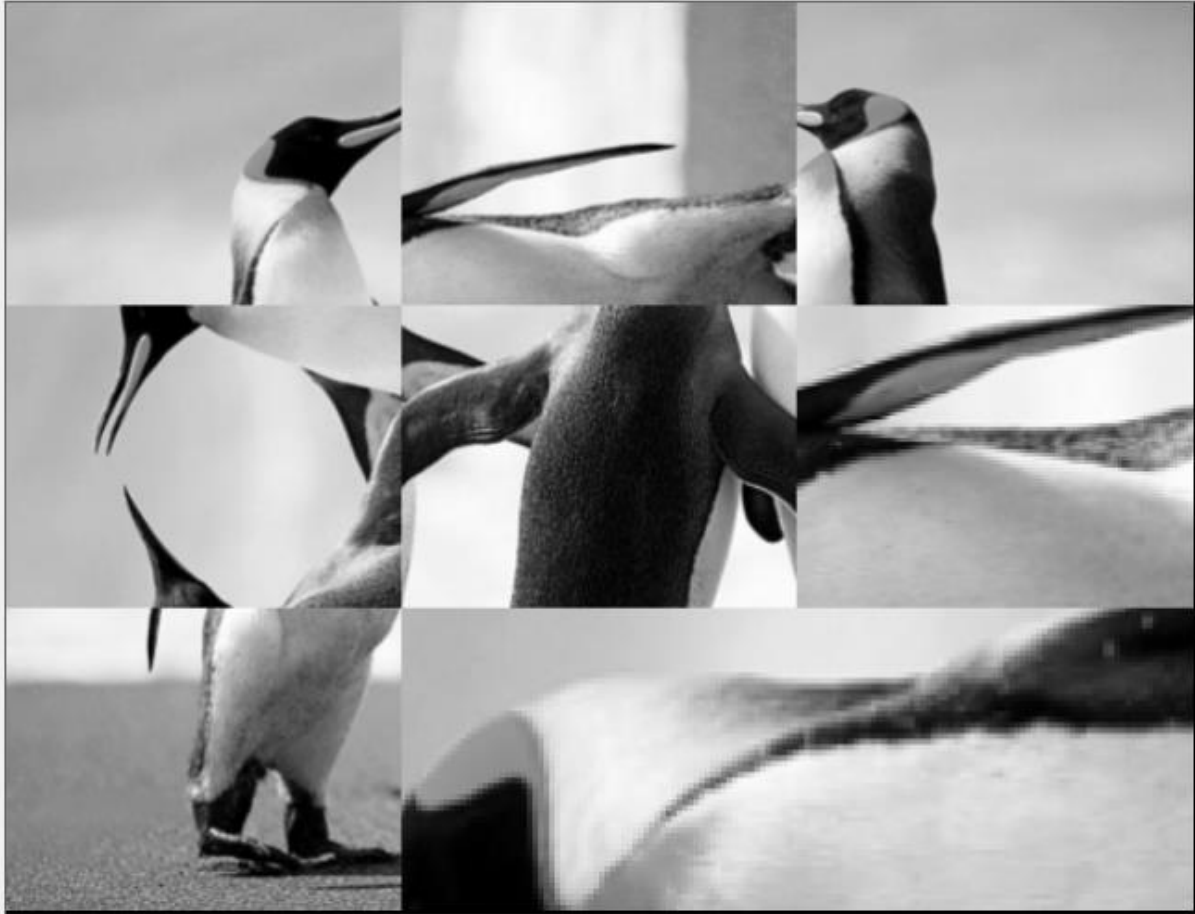


Figure 5 : "Result of Magic Mosaic and Black & White Filter"

Several filters can be applied one after the other to your image.

### 3. Apply edges detection

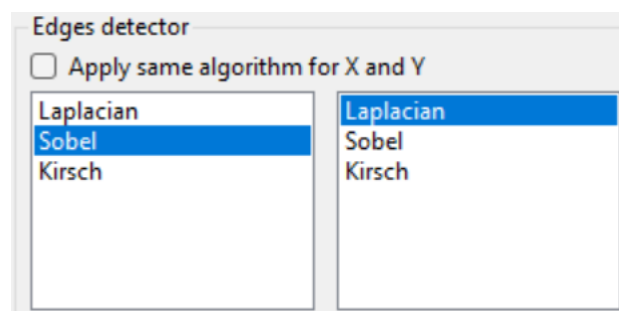


Figure 6 : "Choose the edges detection algorithm(s)"

You can also apply one or more edge detection algorithms. In fact, you can either apply the same algorithm to the X and Y axis or apply a different algorithm for each axis as shown above.

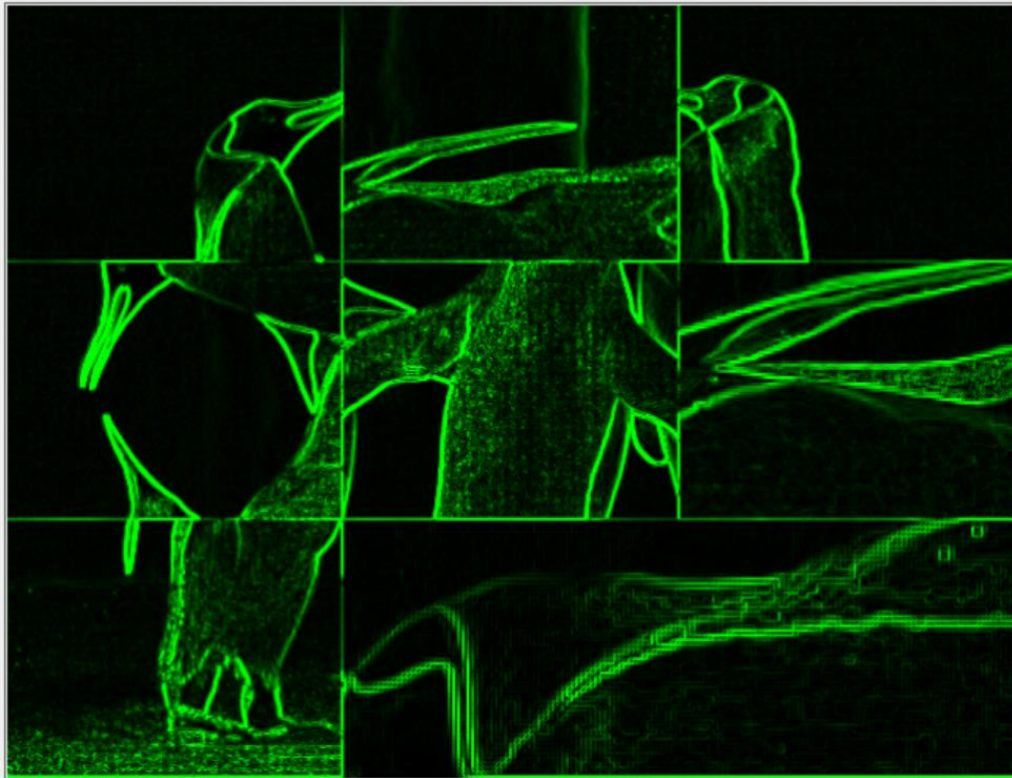


Figure 7 : "Application of the edges detection algorithms"

#### 4. Save the image

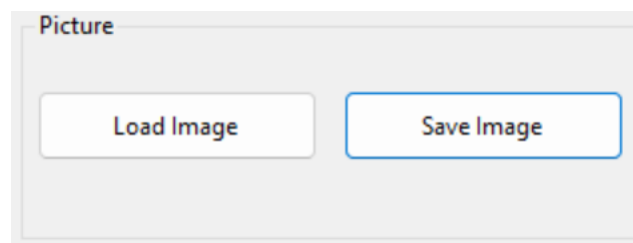


Figure 8 : "Save Image zone"

Finally, you can save your transformed image on your computer.

#### 5. Apply or Cancel an operation

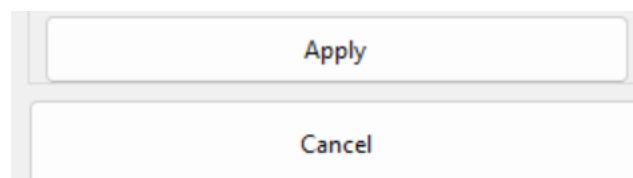


Figure 9 : "Apply & Cancel Operations"

At any time, you can apply your changes with the "Apply" button or return to the image's original state with "Cancel".