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PHOTO EDITOR – USER MANUAL

VISUAL PROGRAMMING PROJECT

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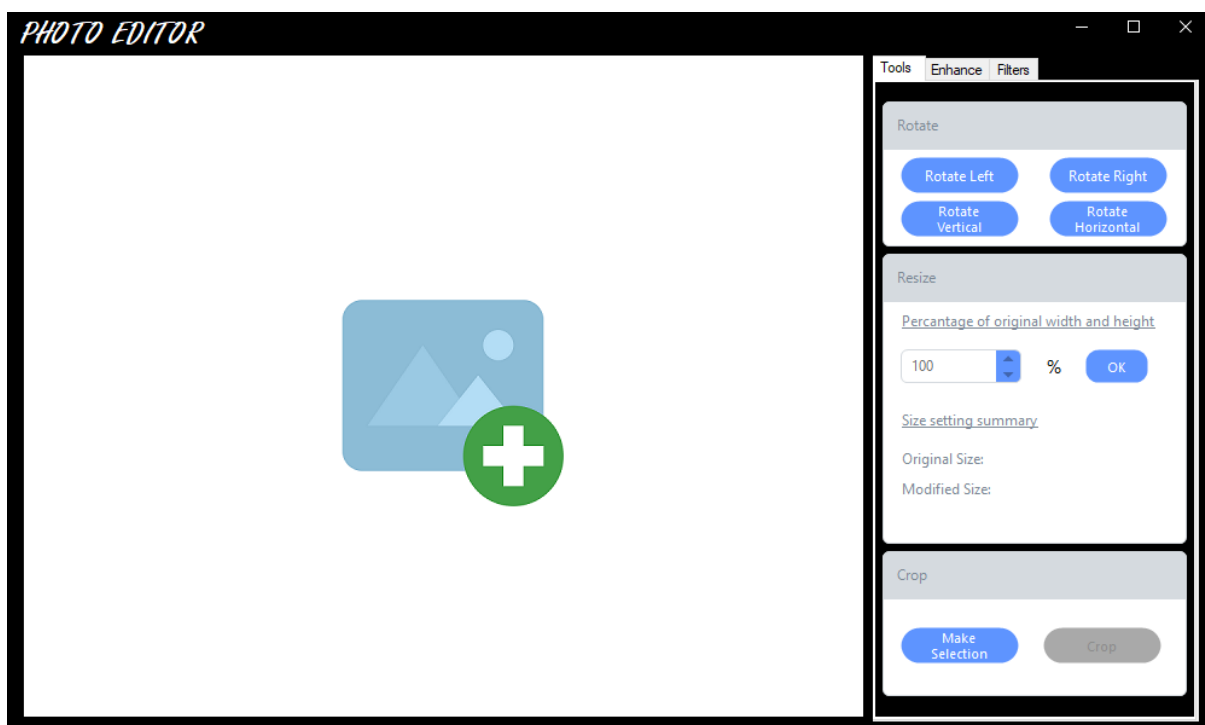
Introduction

Today, editing photos is one most common activity that people do, be it on their smartphones, tablets or PCs. Everyone wants to make their pictures look like they want. Therefore, we have created our own “Photo Editor” application using C#. It has many features to make your photos look like how you want. It has simple and user-friendly UI.

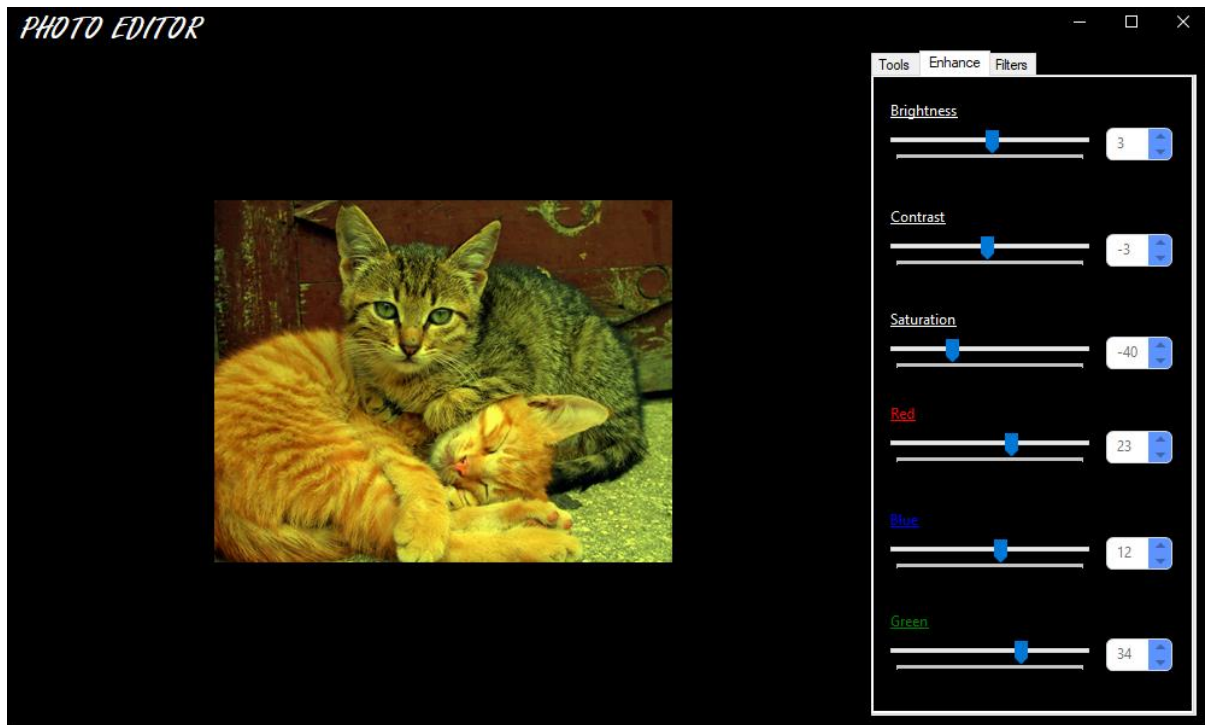
Interface Overview

Photo Editor is built on C# using Windows Forms. For designing its interface, we have used a well-known external library known as Guna Framework. It can be downloaded from Microsoft Visual Studio --> Project --> Manage NuGet Packages. The interface of our project very simple, clean and user-friendly.

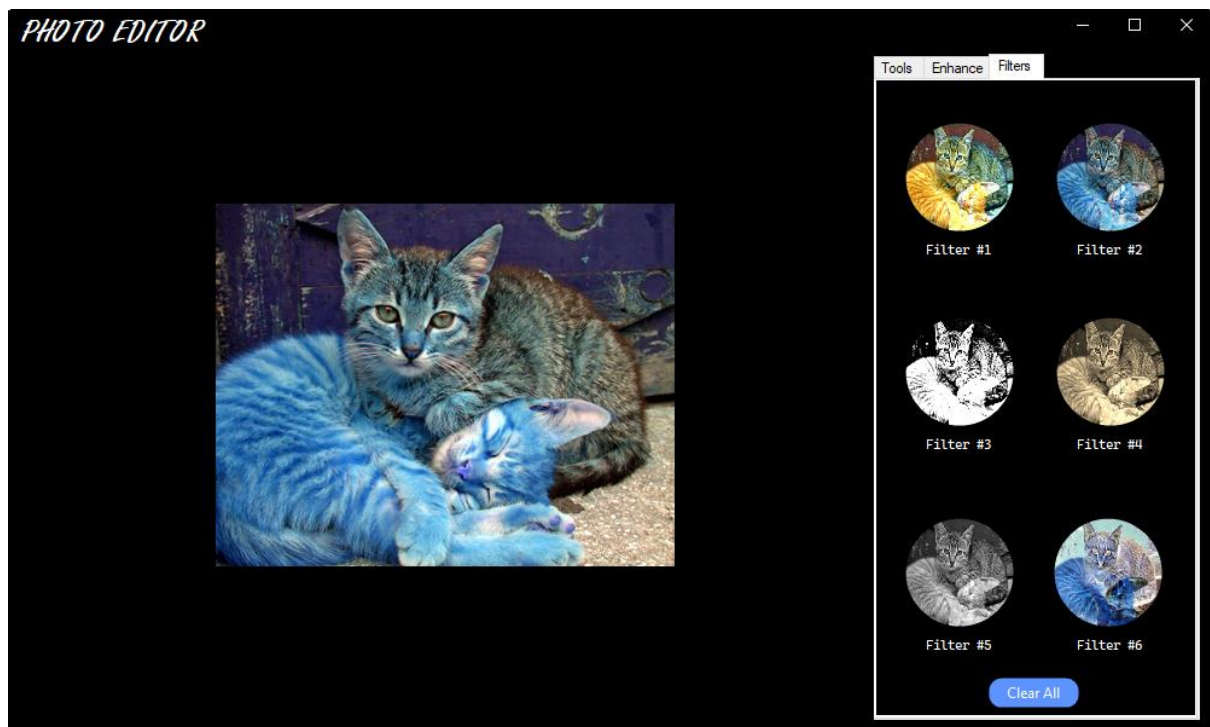
Below are some screenshots of the application interface:



In the above screen we have two sections, on the left, we can add a picture for editing and on the right, there are controls. We have divided our controls into three tabs: Tools, Enhance and Filters.



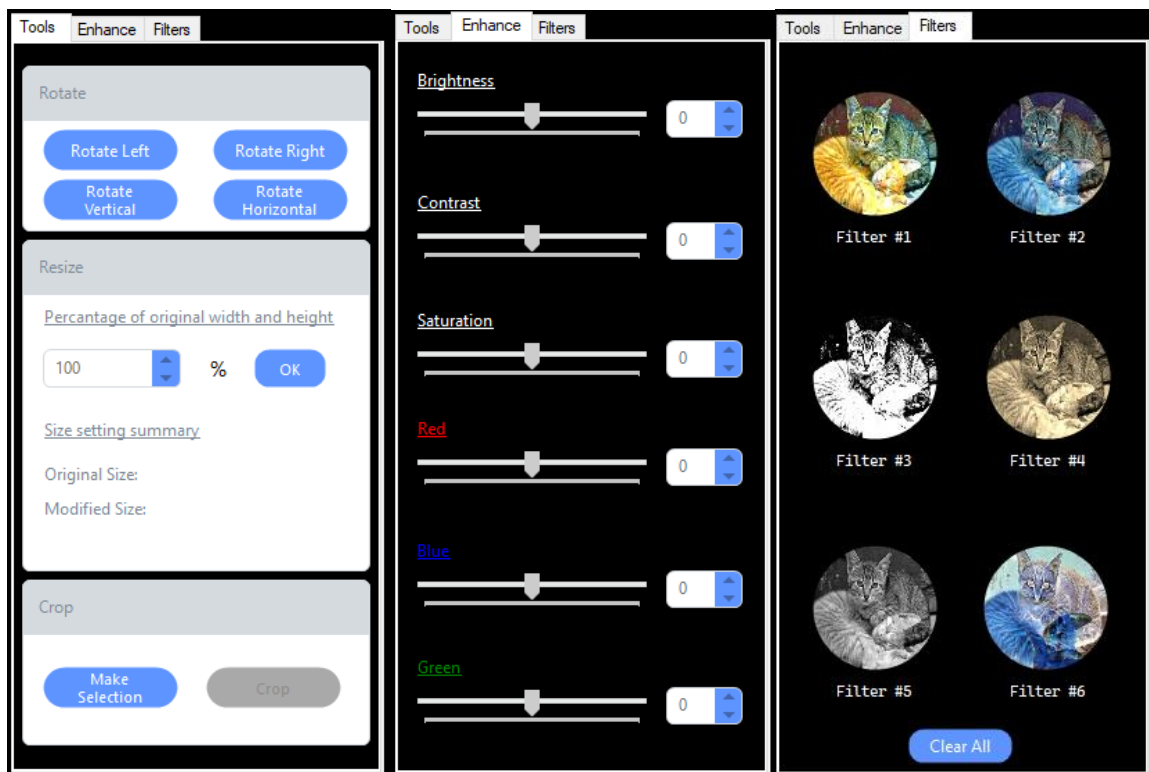
Above is the live example of an edited picture using the controls on the right.



Finally, there are some pre-built filters.

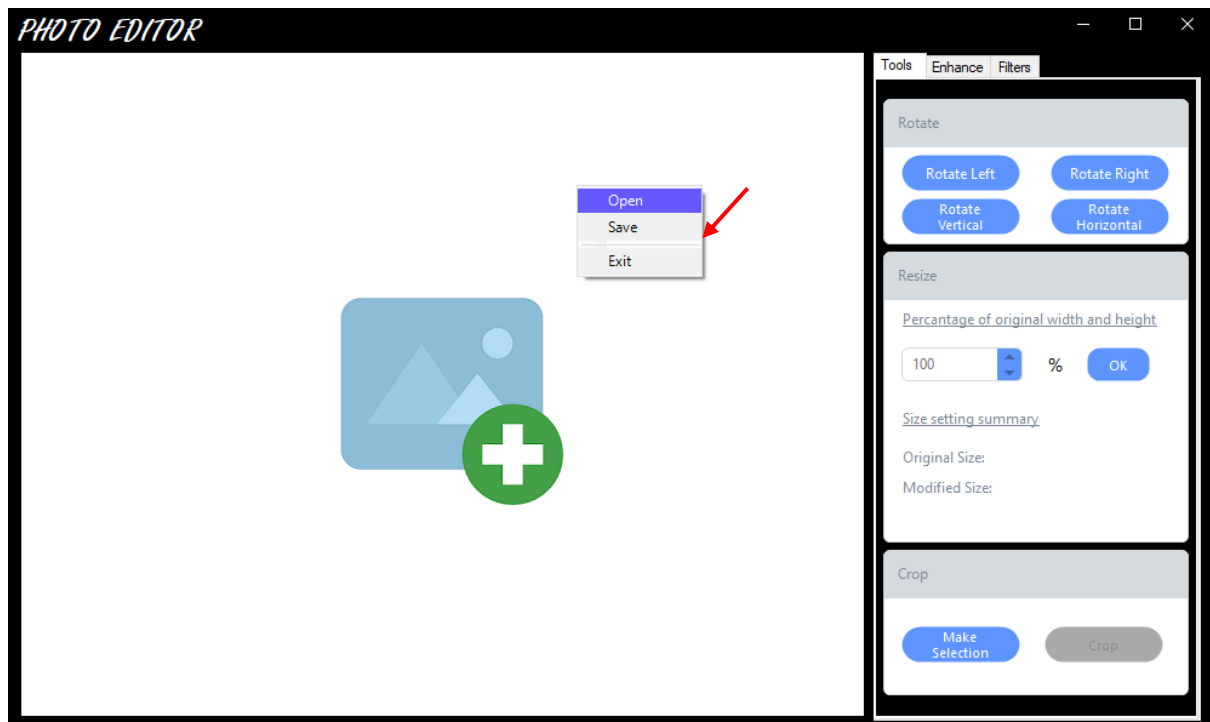
Features

This application is filled with features. We can Rotate, Resize and Crop a picture. There are controls for adjusting Brightness, Contrast, and Saturation of a picture. We can even adjust the intensity of Red, Blue and Green of a picture. There are some great filters to edit your pictures in one go.

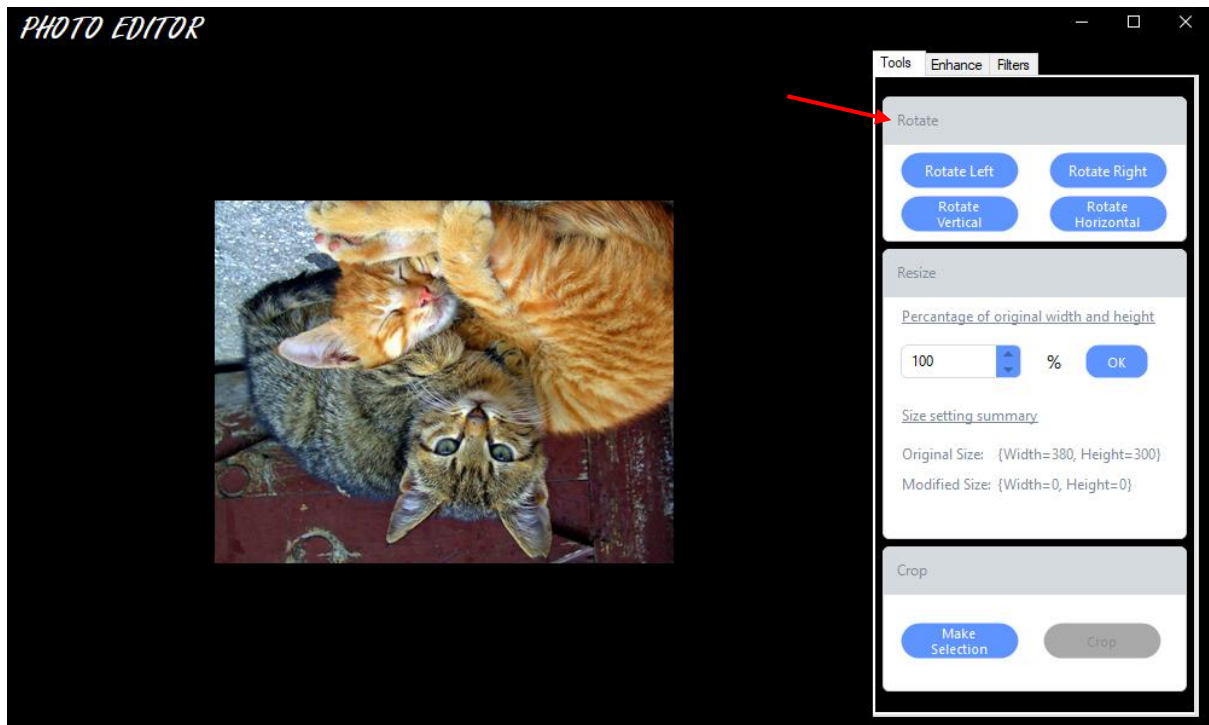


Usage

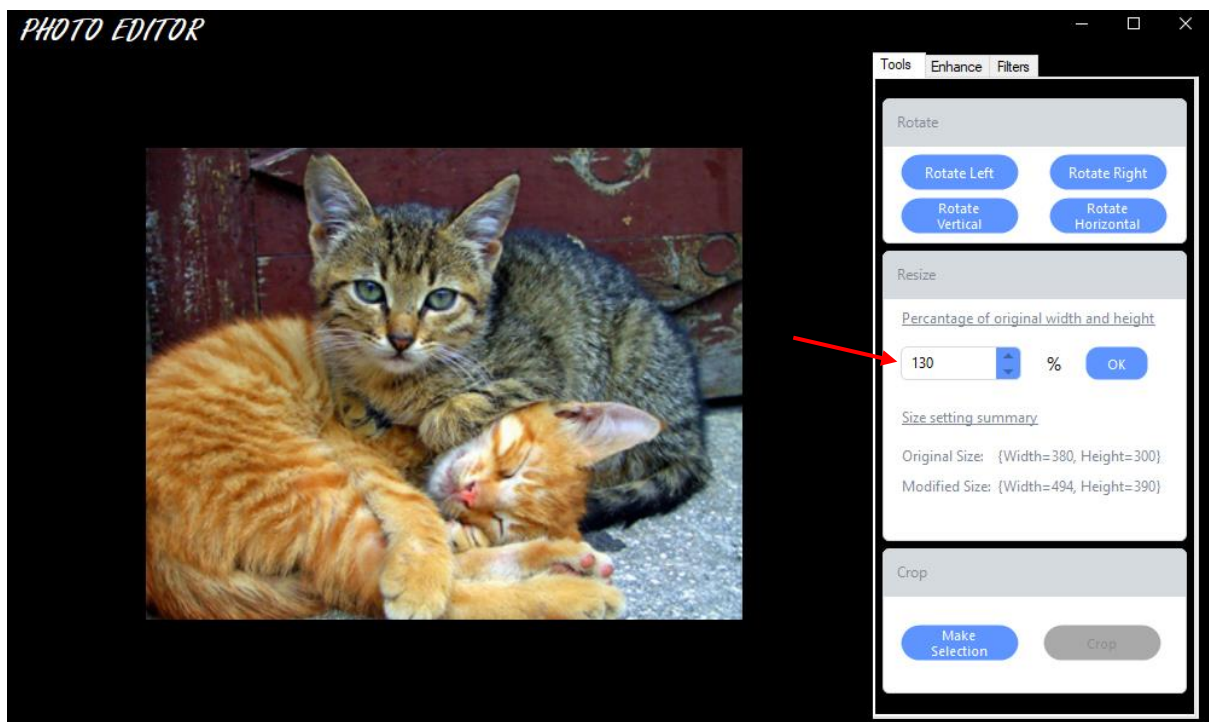
The application is designed with simplicity in mind. For adding any picture to edit, we can simply click on the right side on the application or simply right-click to open any image.



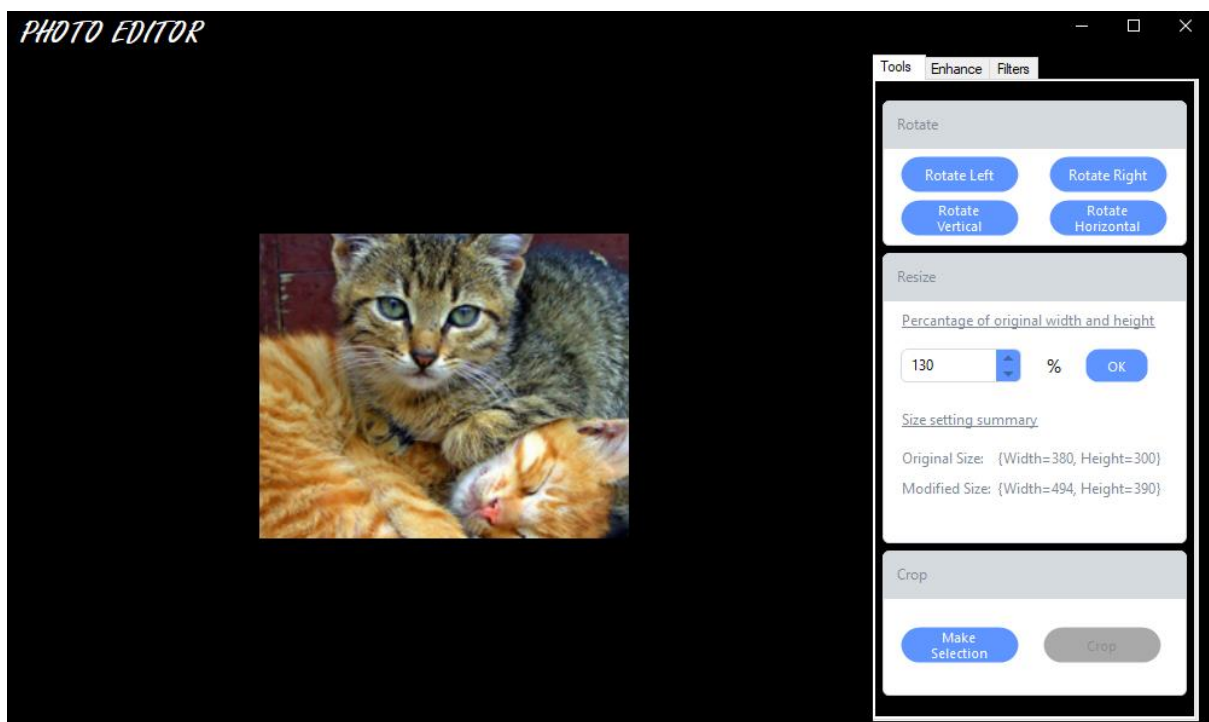
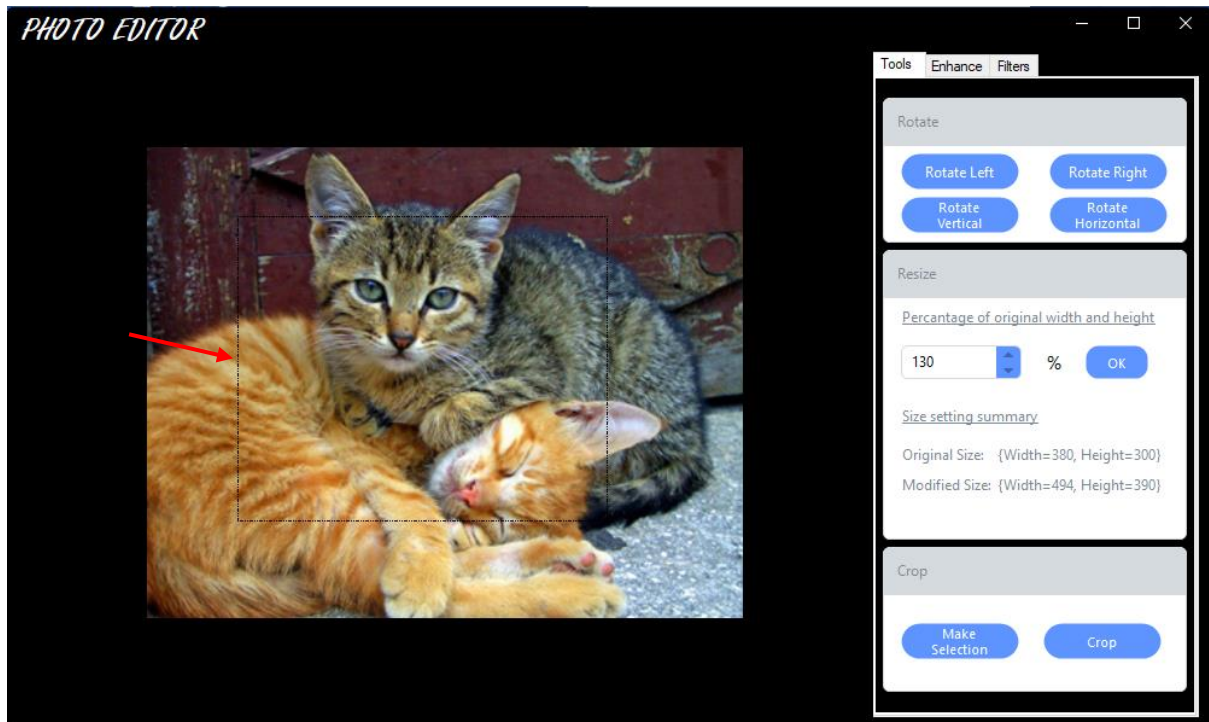
We can rotate any picture any simply clicking on the rotate buttons.



We can change the size of the picture using resize option. It will display the original size information and resized picture size information.



We can crop any picture by clicking on the 'Make Selection' button. It will change our cursor when its on the picture. With this, we can just drag and drop to select the portion of picture that we want to keep and remove other. And finally, by clicking on 'Crop' button, it will display the cropped picture.



Finally, we can change the look of our pictures using enhancement options. We can do this either by dragging the sliders or just by simply applying the filters and save the picture by right-clicking on the picture and save.

