Requirements

## Objective

1. Get the data from the excel files.
2. Learn to use the GDI+.
3. Learn to use the ProcessOn to draw the UML.
4. Show the data through the column chart.

## References

1. Visual studio 2015
2. C#
3. GDI+
4. Excel.dll

## Process

1. Get the data from files.
   1. Get the data from the excel files.
   2. Get the data from the other attributes of files.
2. Draw a column chart.
   1. Show the data on the column chart.
   2. Show the data on the differences of colors on the column chart.
3. Show the list to show the data beside the column chart.
4. Draw a sector diagram beside the column chart.
   1. Show the ratio of the data on the sector diagram.
   2. Show the data on the differences of colors on the sector diagram.
5. Export the picture to save as a different attribute of file.

## Result

1. Get the data from files.
2. Show the data on the WinForm.

## Extension

1. Get the data from other attributes of files.
2. Add the color into the column chart.
3. Add the data source list.
4. Use the sector diagram to show the data.
5. Add the color into the sector diagram.
6. Add the sector diagram beside the column chart.
7. Export the result of showing.
8. Select the attributes of the picture to save.