PROG3240 – Business Intelligence

Assignment #1

Individual Assignment

Objectives:
- Practice creating charts in either Windows Forms or Web pages (ASP.NET) using the Chart control

Description:
You will write an application that demonstrates the use of the Chart control to visualize data. There is some flexibility in the overall application design.
The MS Chart control is used in a manner that is similar to a number of commercially available chart controls. The key concepts are the same and the skills you learn are easily transferred.

Requirements:
1. The application may be in Windows Forms or ASP.NET.
2. Demonstrate the following four charts:
   a. Pie Chart
   b. Line Chart
   c. Control Chart
   d. Pareto Diagram
3. Each chart must have:
   a. Title
   b. Legend
   c. Axis title (if possible)
   d. Axis values (if possible)
4. Each chart must have its data displayed in one or more tables on the same form or page. It is recommended that you use data grids to support requirement 5.
5. The data must be able to be changed interactively, with an appropriate mechanism to update the chart.

Hand in:

1. The complete solution in a zipped folder.
2. Make sure you comment appropriately, especially the header comments