Design

# Overview of the Application

I need to create an application using the C# .Net Framework. This application will read the output file (a .csv file) from the previous project into memory. The application will then display the contents on screen to the user. The application will create an xml file from the data in the .csv file. The application will allow the user to select a style for the xml file by clicking on 2 buttons.

# Requirements

The application must:

* Use the C# .Net Framework
* Read the output file( an .csv file) from the previous project
* Display the contents of the file to the user.
* Create a correctly formatted xml file.
* Allow the user to choose between 2 different styles by clicking on buttons.

# GUI Objects Needed

* A Windows Forms View
* A DataGridView to display the contents of the file
* 2 Buttons(Probably best as Radio Buttons) to allow the user to choose the stylesheet
* Menu Options: Open (to allow the user to specify the file he wants to open) and Save( to allow the user to save the file as an xml document)

# Other Objects Needed

* A Class to help with Stylesheet Logic (See Stylesheet Class in class diagram)
* A Class to save the items as XML and copy the stylesheets to the saved directory (See XML Class in class diagram)
* A Class to read the CSV File (See ItemRepository Class in class diagram)
* Item Class ( See Item Class in class Diagram)

# Class Diagram

# Sequence Diagram

