



CS503: Project 1

1. Visual Studio Solution with 3 Projects: (30 points)

- a. KeyPass (Executable)
 - i. Program
- b. KeyPassUserInterface (Class Library)
 - i. MainForm (Screen Centered)
 - ii. MainControl
 - iii. StatusStripControl
 - iv. ClockControl
 - v. AboutForm
- c. KeyPassBusiness (Class Library)
 - i. MyCompany

2. MainControl: Should have the following (40 points)

- a. Menu Strip (5 points)
 - i. Menus as shown in the Sample
 - ii. View > Tool Bar and View > Status Bar Toggles Tool Bar and Status Bar respectively
 - iii. Help > About Displays the About Form (See About Form Details below)
- b. ToolStrip (5 points)
 - i. Buttons as Shown in the Sample
 - ii. About icon has the same behavior as the Help menu item.
- c. ClockControl. Displays current time. (20 points)
- d. StatusControl (5 points)
 - i. This should be a user control rather than the built-in StatusStrip
 - ii. Has 3 panels with hardcoded text as shown in the sample:
 - 1. ComboBox (does nothing yet)
 - 2. Total Groups
 - 3. X of Y selected keys.
 - 4. ClockControl
- e. 2 SplitContainers: One vertical and one horizontal (5 points)
 - i. Three Panels in total.

3. About Form: (30 points)

- a. A Form with the following
 - i. Any Bitmap
 - ii. Product Name, Version, and Description
 - iii. Company Name
 - iv. OK Button