

CSCI 260 Assignment 4. Due 5:00pm 31 October

Part 1 of this assignment should be done individually, while part 2 is a team activity. Feel free to send me e-mail (allen@bowdoin.edu) if you have problems or questions. Please e-mail me your individual answers to part 1, and one copy of your team's answer to part 2.

1. Answer the following exercises in your text.

Chapter 8, Exercises E152c, 153, 158, 159, 162, 163, 165a

2. As a team, develop complete set of sequence diagrams for *StressFreev1.2*, starting with the revised use cases and Poseidon UML classes that can be downloaded from the course website:

`www.bowdoin.edu/~ allen/courses/cs260/StressFreev1.2.rtf`

`www.bowdoin.edu/~ allen/courses/cs260/StressFreev1.2.zuml`

- (a) For each use case design a sequence diagram.
- (b) Add any operations (Java methods) to the classes as they are needed by the use cases.
- (c) Use the completed sequence diagram for the *AddACourse* use case as a model.
- (d) Turn in one set of completed sequence diagrams and an updated set of class diagrams that result from this exercise. Name the file `StressFreev1.3.zuml`.

Be sure to divide this work equitably, so that each team member designs one or more sequence diagrams.

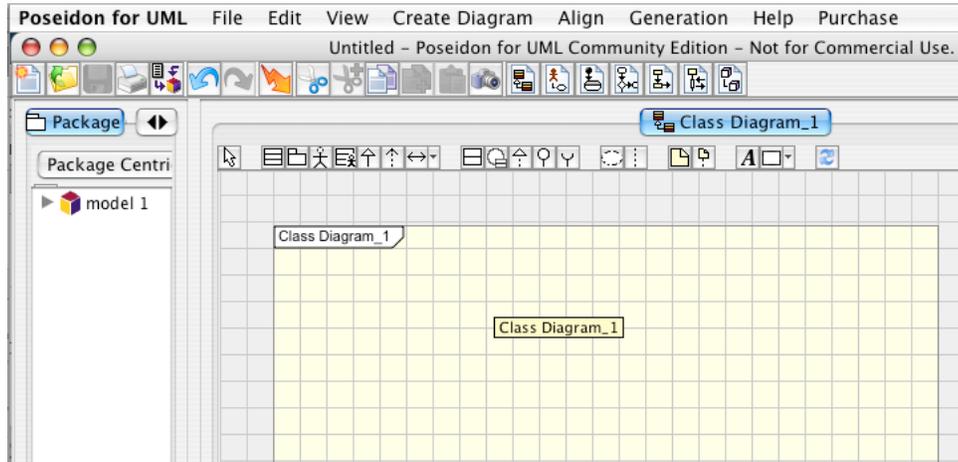
Turn in one set of completed sequence diagrams and an updated set of class diagrams for this exercise. Name this file `StressFreev1.3.zuml`, which will be a refinement of `StressFreev1.2.zuml`

Downloading and installing Poseidon UML in the Mac lab

Once you download and install this software, it will work for you on any machine in the Mac lab.

1. Login to any Mac OS X machine in the lab.
2. Go to the website <http://www.gentleware.com/index.php?id=downloadcenter>
3. Download the Community Edition 3.x for Mac OS X (FTP) (this will take a minute or so). Say “yes” to the “Are you sure...” question at the end of the download.
4. At the end, you will get an icon called “PoseidonCE_3.app” on your desktop. Double click it to begin the installation.

5. Follow the dialog boxes – install in the Applications folder and create an alias in the dock.
6. Start Poseidon UML. The window should look like this.



7. Now download the UML project `StressFreev1.2.zuml` from the course web site (www.bowdoin.edu/allen/courses/cs260) onto your desktop.
8. Open this project from your using the “File ... open project” menu item. The window should now look like this.

