Chapter 6: “Showing Complex Data”

1. Given an image of a specific graphical user interface, identify (with explanation) certain specific information graphics elements that it exhibits.

2. Given an image of a specific graphical user interface that uses a particular Chapter 6 design pattern, explain the advantages that the use of this pattern provides over a more traditional way of exhibiting information.

Chapter 7: “Getting Input From Users”

3. Given images of a specific graphical user interface that gathers input from the user in a non-traditional manner, explain the disadvantages associated with using the traditional approach instead.

4. Given an image of a specific graphical user interface that uses a particular Chapter 7 design pattern, explain the disadvantages associated with the use of this input-related pattern.

5. Given an image of a specific graphical user interface that uses a particular Chapter 7 design pattern, explain the advantages and disadvantages associated with the use of this input-related pattern.

Chapter 8: “Builders And Editors”

6. Given an image of a specific graphical user interface that does not use a particular Chapter 8 design pattern, explain the advantages associated with not using this editor-related pattern.

7. Given an image of a specific graphical user interface that uses two particular Chapter 7 design patterns, explain why one pattern is preferable for certain editing aspects of this application while the other pattern is preferable for other editing aspects.

Chapter 9: “Making It look Good”

8. Given three alternative color schemes for an application’s graphical user interface, determine (with explanation) which scheme would be preferable under particular different circumstances.

9. Given five alternative display schemes for an application’s graphical user interface, briefly explain the disadvantages of each scheme, and explain which of the five schemes would be best for the given application.

10. Given an image of a specific graphical user interface that uses a non-traditional approach to displaying certain information, use the principles of Chapter 9 to explain the advantages that this approach has over the traditional approach.