

CSE326: Software Engineering

Assignment 2 - Design Patterns and OOD

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Problem-Solving

- (1.) You are designing a Time and Talent Survey website for a local church. Suppose the administrator would like to be notified whenever a new survey is completed. What design pattern is suggested? Why did you choose this design pattern? (15 points)
- (2.) You are developing a graphics editor, within which shape can be basic or complex. An example of simple shape is a line object; an example of a complex shape is a rectangle object. The rectangle object consists of four-line objects. Because all shapes have many common operations and can be represented in the hierarchy, you wish to treat all shapes uniformly. What design pattern is suggested? Why did you choose this design pattern? (15 points)

Stack Implementation

Decorator Pattern