

Assignment #2

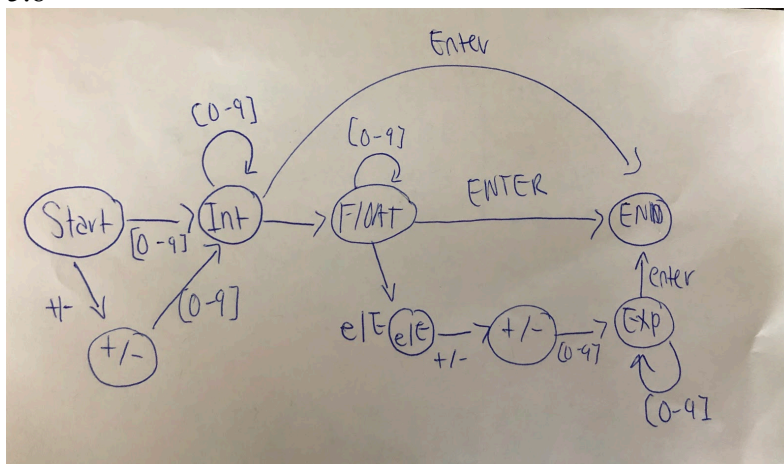
5.1 A component-based architecture is a collections of loosely coupled components which provide services to each other. A service-oriented architecture is somewhat similar however the architecture is made up of services, which means it is made up of pieces that are self-contained programs, so they do not need to share the same hardware and can communicate over a network.

5.2 A monolithic architecture would work best simply because the tic-tac-toe app needs nothing more than the device it is being played on. It is a self-contained application that is not sharing any information with other users or devices, so monolithic would work best.

5.4 A "web" service-oriented architecture would work best for two users to communicate between each other over the internet.

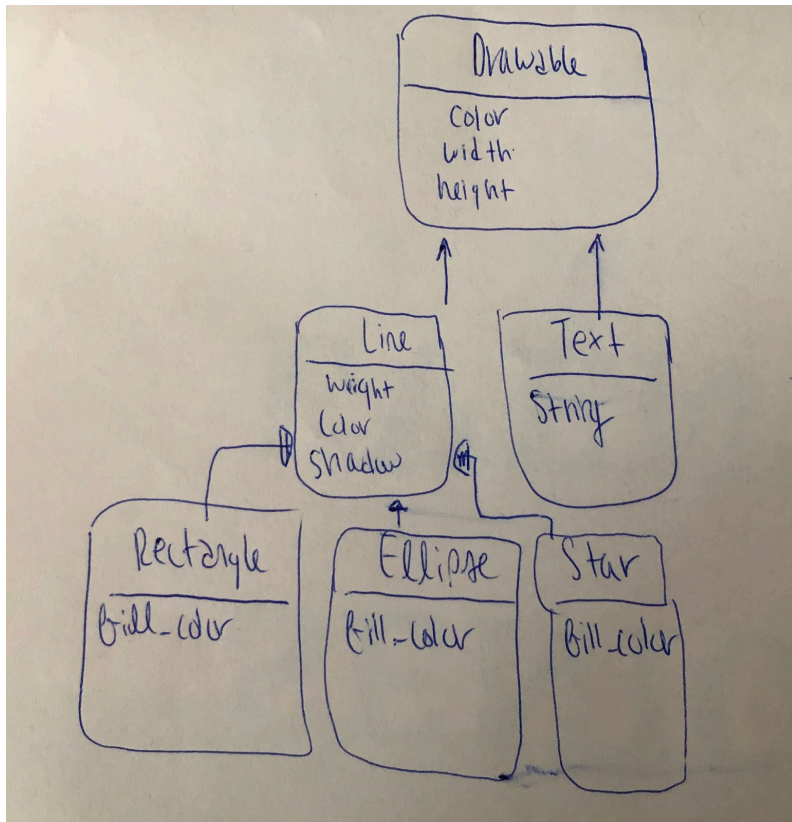
5.6 A file-based system because ClassyDraw can store each drawing in a separate file and the operating system would allow for management of said files.

5.8

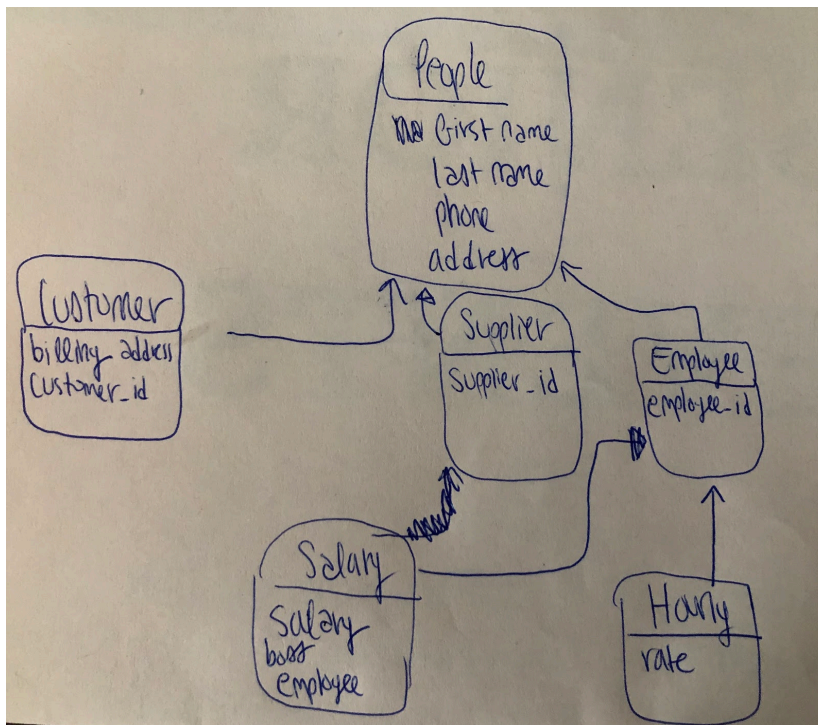


6.1 Rectangle, Ellipse, Star, and Text inherit the class line because it is necessary for drawing. drawn and they share the drawing properties. The line class will include color, wight, shadow, border which are specific details that a line could include.

6.2



6.3



6.6 The boss entry is empty for executive level.

