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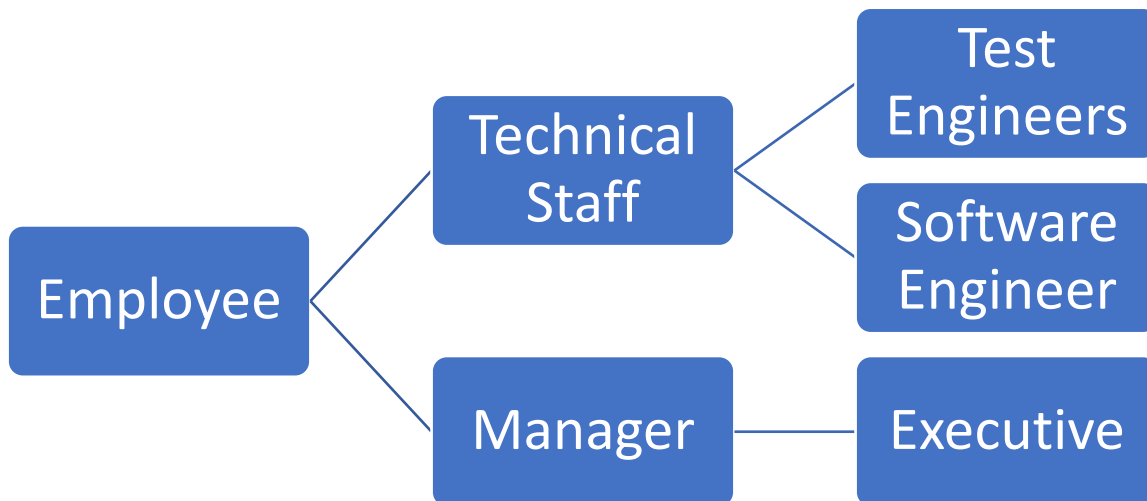
COSC 220

Dr. Wang

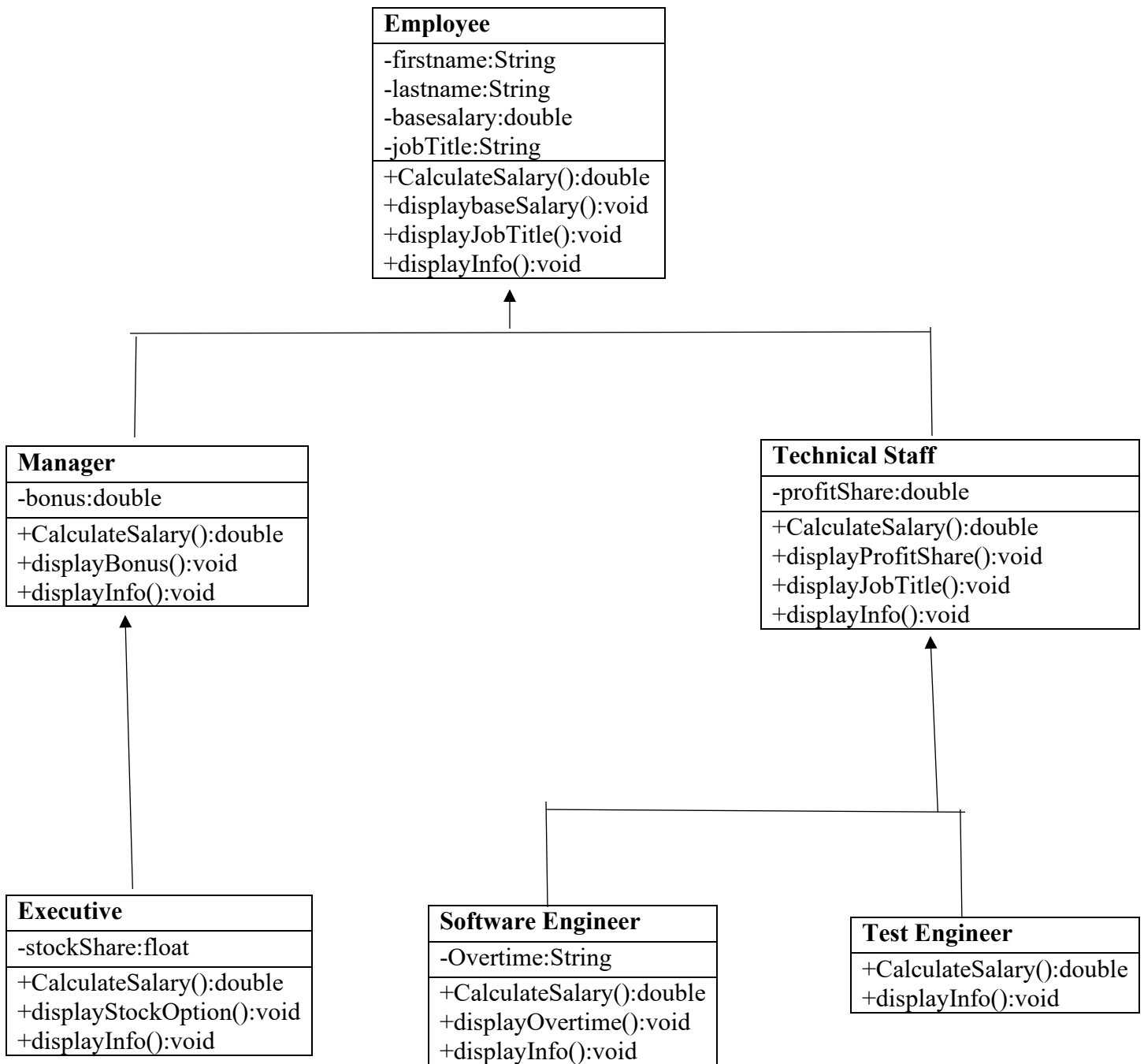
17-March-2021

Lab 8 writeup

Hierarchy Chart (Rough draft I before UML diagram)



*UML does not contain getters and setters due to repetitiveness it is unnecessary



Output and Testing

Linking process

```

root@DESKTOP-Q5H0GRD: /mnt/d/Documents/School/Year 3 semester 2/Cosc 220 computer science 2/labs/Lab_8
root@DESKTOP-Q5H0GRD: /mnt/d/Documents/School/Year 3 semester 2/Cosc 220 computer science 2/labs/Lab_8# g++ -c Lab_8.cpp
root@DESKTOP-Q5H0GRD: /mnt/d/Documents/School/Year 3 semester 2/Cosc 220 computer science 2/labs/Lab_8# g++ -c Lab_8main.cpp
root@DESKTOP-Q5H0GRD: /mnt/d/Documents/School/Year 3 semester 2/Cosc 220 computer science 2/labs/Lab_8# |
  
```

Make program file

```
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_8# g++ -o lab8 Lab_8.o Lab_8main.o
```

The first set of output

```
Info
First:Bill
Last:Muhlenfeld
Title:CFO
Salary:100000

Info
First:Kevin
Last:Weller
Title:Head Developer
Salary:150000

Info
First:Andrew
Last:McGinnity
Title:Head Tester
Salary:1.5e+06
```

This displays only the base class print functions

Second set of output

```
Info
First:Bill
Last:Muhlenfeld
Title:CFO
Salary:100000
Bonus:6500

Info
First:Kevin
Last:Weller
Title:Head Developer
Salary:150000
Profit Share:350010000

Info
First:Andrew
Last:McGinnity
Title:Head Tester
Salary:1.5e+06
Profit Share:4500
```

The second set of output is the print function from the derived class which includes bonus and profit share