

HACETTEPE UNIVERSITY

DEPARTMENT OF
COMPUTER ENGINEERING

BBM104 PROGRAMMING LAB.
ASSIGNMENT 2
Inheritance

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Main.java

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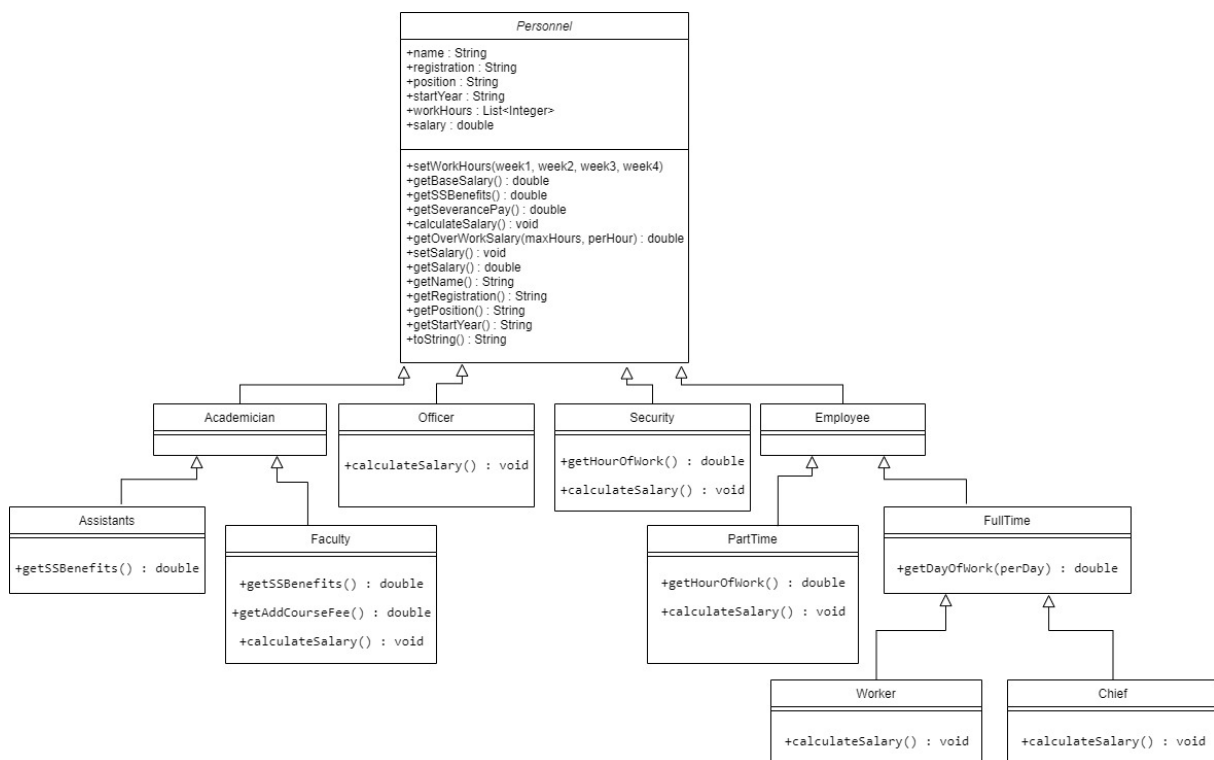
Problem Definition

With the usage of inheritance in java, we are asked to create a salary calculation system for different types of university personnels. Inheritance hierarchy must be same as personnel hierarchy shared in assignment paper.

Algorithm Steps

1. Make initialization:
 - 1.1 Read input files.
 - 1.1.1 Read personnel file.
 - 1.1.2 Read monitor file.
 - 1.2 Store data in a general List<Personnel>.
2. Execute calculateSalary() method on all personnels:
3. Concluding:
 - 3.1 For each object in personnels list execute printToFile(Personnel) method.

UML Diagram



REFERENCES

Assignment Paper
LaTeX Tutorials