Hacettepe University

Computer Science and Engineering Department
Name and Surname
Identity Number
Course
: Emirhan Topcu
: 21827899
: BBM104

Experiment : Programming Assignment 3 **Subject** : Inheritance and Polimorphism

Data Due : 01.05.2020

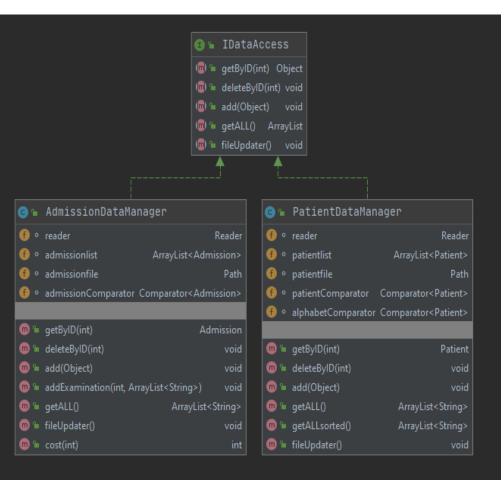
Advisors : R.A. Bahar GEZİCİ, Nebi YILMAZ

e-mail : emirhantopcu50@gmail.com Main Program : b21827899.zip/src/Main.java

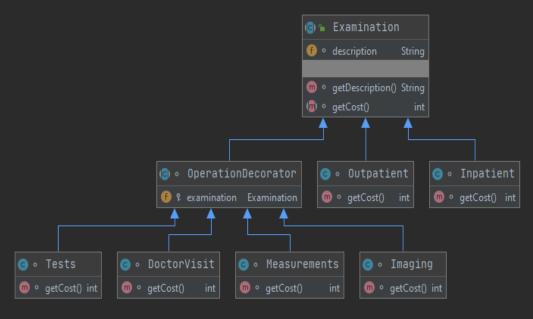
Software takes an input file and executes commands in lines of the file. Updates the patient and the admission datafiles. Gives an output with information about the input command executions.

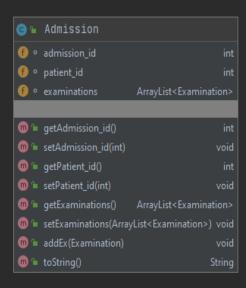
Information about Algorithm

- 1. Reads patient.txt and admission.txt and creates arraylists of object of their classes.
- **2.** Reads lines in input.txt and creates or deletes object and updates the specific arraylists.
- **3.** Uses decorative pattern for examinations and data access objects for files.
- **4.** Updates the patient.txt and admission.txt files.
- **5.** Writes information about executions on an output file.









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|------------------|--|-----------------------------------|
| ⋒ ኈ | readFile(String) | ArrayList <string></string> |
| ™ | writeFile(Path, ArrayList <string>)</string> | void |
| ™ | appendFile(File, String) | void |
| ™ | readPatients(ArrayList <string>)</string> | ArrayList <patient></patient> |
| @ • | readAdmissions(ArrayList <string>)</string> | ArrayList <admission></admission> |
| owered by yhiles | | |

