HealthCenter

Person <>

#name: String
#surname: String
#ssn: String

+Person()
+Person(String,String,String)
+getName(): String
+getSurname(): String
+getSsn(): String
+findPerson(String): boolean
+getPersonInfo(): String
+SocialBenefit(): double
+toString(): String

PersonInterface <<interface>>

+writeFile():void

PersonSys

+people: HashSet<Person>
+FILENAME: String

+readFile(): void
+addPerson(Person): boolean
+writeDataToFile(Person): void
+searchPerson(String): Person
+deletePerson(String): boolean
+displayDoctor(): String
+displayPatient(): String

Drug

-dName: String
-dLevel: int

+Drug()
+Drug(String, int)
+getdName(): String
+getdLevel(): int
+toString(): String

Patient

-sickness: String
-drugs: ArrayList<Drug>

+Patient()
+Patient(String,String,String,String)
+addDrug(Drug): void
+getSickness(): double
+getDrugs(): ArrayList<Drug>
+SocialBenefit(): double
+toString(): String
+writeFile(): void

Doctor

-speciality: String
-workingDays: String
-experience: int

+Doctor()
+Doctor(String,String,String,String, String, int)
+getSpeciality(): String
+getWorkingDays(): String
+getExperience(): String
+SocialBenefit(): double
+toString(): String
+writeFile(): void