

DataManager
-studentData : ArrayList<Student> -instructorData : ArrayList<Instructor> -patientData : ArrayList<Patient> -requirements : Requirements
-saveStudents(): void -saveInstructors(): void -savePatients(): void -saveRequirements(): void -loadStudents(): void -loadInstructors(): void -loadPatients(): void -loadRequirements(): void

EDentistMain
-treatmentTypes : Enum -treatmentStatus : Enum
-main()

MainView
-studentView : StudentView -InstructorView : InstructorView
+login(email,password) : Person +register() +startStudentController(Student,StudentView) +startInstructorController(Instructor,InstructorView)

abstarct Person
- firstName: string - lastName: string - IDPerson: string - phoneNumber: string

Student (implements observer, serializable)
- password: string - email: string - currentRequirement: StudentRequirements
+ checkStatus(): void + findPatient(long id) return patient + addPatient(): void + deletePatient(String id): void

Instructor (implements observer,serializable)
- password: string - email: string - typeOfTreatment: Enum - treatment: ArrayList<Tratment>
+ ValidatetTreatment(Treatment treatment):void + CheckStatus(string studentID): void + ChangeRequirments():void

Patient (implements serializable)
- treatmentFile: TreatmentFile

StudentController
-model : Student -view : StudentView

InstructorController
-model : Instructor -view : InstructorView

TreatmentFile (implements observable)
- treatments : ArrayList<Treatment> - observers : ArrayList<observer>
+ startTreatment(Treatment, int idInstructor): void + createTreatment(): void + deleteTreatment(String treatmentID): void

Treatment
- treatmentID: String - treatmentType: Enum - treatmentStatus: Enum - descirption: string - tretmentBy: String - vaildatedBy: String - grade: int
// getters and setters

Requirements
-instance: Requirements -listOfRequirements: ArrayList<integer>
+getInstance():Requirements +updateRequirements():void

StudentRequirements
-listOfRequirements: ArrayList<integer>
+updateRequirements():void