

Branch
- branchID : String - address : String - contactNumber : String - managerName : String - services : List - staff : List - patients : List
+getBranchID(): String +setBranchID(branchID: String) +getAddress(): String +setAddress(address: String) +getContactNumber(): String +setContactNumber(contactNumber: String) +getManagerName(): String +setManagerName(managerName: String) +getServices(): List[Service] +addService(service: Service) +addStaff(staff: Staff) +getStaff(): List[Staff] +addPatient(patient: Patient) +getPatients(): List[Patient] +bookAppointment(patient: Patient, service: Service, appointmentTime: datetime) +displayPaymentReceipt(appointment: Appointment) +__str__()

Person
- ID : String - name : String - phoneNumber : String - email : String
+ getID(): String + setID(ID: String) + getName(): String + setName(name: String) + getPhoneNumber(): String + setPhoneNumber(phoneNumber: String) + getEmail(): String + setEmail(email: String) + __str__()

DentalCompany
- companyName : String - branches : List
+ addBranches(branch: Branch) + getBranches(): List[Branch]

Service
- serviceID : String - serviceName : String - cost : Float
+ getServiceID(): String + setServiceID(serviceID: String) + getServiceName(): String + setServiceName(serviceName: String) + getCost(): Float + setCost(cost: Float) + __str__()

Staff
- staffRole : ENUM
+ getStaffRole():ENUM + setStaffRole(staffRole: ENUM) + __str__()

Patient
- medicalStatus :ENUM
+ getMedicalStatus(): ENUM + setMedicalStatus(medicalStatus: ENUM) + __str__()           + addAppointment(appointment: Appointment) + getAppointment(): List[Appointment]

Appointment
- patient : Patient - service : Service - appointmentTime : Date - staff : Staff - completed : Boolean
+ assignStaff(staff : Staff) + completeAppointment(): boolean + getPatient(): Patient + setPatient(patient : Patient) + getService(): Service + setService(service : Service) + getAppointmentTime(): Date + setAppointmentTime( appointmentTime : Date) + getStaff(): Staff + setStaff( staff : Staff) + getCompleted(): boolean + setCompleted(completed: boolean) + printReceipt() + __str__()