UML class diagram:

Company Branch companyName: String adress: String branches: [ENUM] phoneNumber: String manager : [Manager] staff : [ENUM] +setcomanyName(comanyName:String) services: [ENUM] +getcomanyName():String +setbranches(branches:ENUM) +setadress(adress:String) +getbranches():ENUM +getadress(): String +setphoneNumber(phoneNumber:String) +getphoneNumber():String +setmanager(manager:Manager) +getmanager():Manager +setstaff(staff:ENUM) +getstaff(): ENUM +setservices(services: ENUM) +getservices(): ENUM

Service

- serviceName: String servicecost: float
- +setserviceName(serviceName:String)
- +getserviceName():String
- +setservicecost(servicecost:float)
- +getservicecost():float

Patient

- patientName: String phoneNumber: String patientID: String
- +setpatientName(patientName:String)
- +getpatientName():String
- +setphoneNumber(phoneNumber:String)
- +getphoneNumber():String
- +setpatientID(patientID:String)
- +getpatientID():String

Staff

- title: String
- +setstaffName(staffName:String)
- +getstaffName():String
- +settitle(title:String)
- +gettitle():String
- +setstaffID(staffID:String)
- +getstaffID():String

- staffName: String
- staffID: String