

FACADE PATTERN

DoctorFacade

- performCheckup: I_PerformCheckup

+ DoctorFacade()
+ requestPatientHistory(patientID: String): void
+ updatePatientHistoryTest(patientID: String, treatment: String): void

StaffFacade

- admitPatient: I_AdmitPatient
- generateBill: I_GenerateBill
- scheduleAppointment: I_ScheduleAppointment

+ StaffFacade()
+ requestVacantRooms(): void
+ assignRoom(patientID: String, room: int): void
+ requestBill(patientID: String): void
+ requestDoctor(doctorName: String): void
+ requestAppointment(timeslot: Date): void
+ sendPatientDetails(patientDetails: String):void

NurseFacade

- performTest: I_PerformTest

+ NurseFacade()
+ updatePatientHistoryTest(patientID: String, test: String): void
+ updatePatientHistoryOutcome(patientID: String, outcome: String): void