Patient

+PersonalID: string
+Name: string
+JournalID: string

+RetrieveJournal(): void

Admin

+RegisterUser(User user): void

registers

MedicalStaff

+Name: string
+Email: string
+Department: string

+LogIn(): void
+BookTreatment(): void

SpecialistDoctor

+BookTreatment(): void
+ReviewMedicalRecords(): void

SeniorConsultant

+BookTreatment(): void
+CancelTreatment(): void
+ApproveTreatmentCancellation(): void

DepartmentNurse

+BookTreatment(): void

ResidentDoctor

+BookTreatment(): void

ECTNurse

+ReceiveBooking(): void
+ScheduleTreatment(): void
+VerifyDocument(): void

creates

cancels

receives

Booking

+TreatmentType: string
+Date: DateTime
+Priority: enum{Green,Yellow,Red

ScheduleTreatment

notifies cancellations

verifies

"0..*"

"1..*"

"1..*"

Notification

+Recipient: User
+Message: string
+SentAt: DateTime

+SendNotification(): void

LogEntry

+Timestamp: DateTime
+User: MedicalStaff
+Action: string

Document

+FileName: string
+UploadedBy: User
+Verified: boolean

+VerifyDocument(): void