User

-userID : Integer
-username : String
-dateOfBirth : DateTime?
-address : String
-medicalHistory : List?
-prescriptions : List

+RequestMedication() : Void?

MedicalHistory

-patientID : Integer
-patientName : String
-patientDOB : DateTime?
-nhNumber : Integer
-previousAppointments : List
-allergies : List
-asthma : Boolean
-diabetes : Boolean
-smoker : Boolean
-previousConditions : List
-medication : List
-currentTreatment : List

+EditHistory(data) : Boolean
+AddToHistory(data) : Boolean

dbAccess

-datebaseName : String
-datebaseAddress : String
-databasePort : Integer
-dbUsername : String
-dbPassword : String

+ConnectToDB(name, address, port, username, password) : Boolean
+AuthenticateUser(username, password) : Boolea
+FetchData(data) : Boolean
+PostData(data) : Boolean

Appointment

-appointmentDate : DateTime
-appointmentID : Integer
-staffID : Integer
-patientID : Integer

+CreateAppointment() : Void
+EditAppointment(appointmentID) : Void
+CancelAppointment(appointmentID, reason) : Void

Staff

-staffID : Integer
-staffName : String
-staffType : Enum

-memberName

HandleLogin

-username : String
-password : SecureString

+Authenticate(username, password) : Boolean

Availability

-staffID : Int
-day : DateTime

+checkAvailability(day) : Void
+checkDuty(availability) : Void

1   1

1

*

*   1

an