Detailed class design

Employee Class:

Properties:

Emp\_id (int)

Emp\_FirstName (String)

Emp\_MiddleName (String)

Emp\_LastName (String)

Emp\_Address (String)

Emp\_PhoneNum (String)

Emp\_Birthdate (Date)

Emp\_Gender (Enum)

Nurse Class:

Properties:

Admin

Properties:

Doctor

Properties:

Spec (String)

Note Class:

Properties:

N\_Id (int)

Emp (Employee)

N\_Title (String)

N\_Content (String)

N\_Date (Date)

ActionRecord:

Properties:

Employee (Employee)

Patient (Patient)

ActionType (Enum)

ActionDate (Date)

Appointment

Properties:

Patient (Patient)

App\_date (Date)

App\_Duration (int)

FincialRecord:

Properties:

Balance (Float)

Payed (Float)

ShouldPayed (Float)

Patient:

Properties:

P\_fname(String)

P\_lname(String)

P\_MobileNum(String)

P\_FR (FincialRecord)

P\_Apps (List<Appointment>)