Model1::ClassDiagram1

Données

Médecin
-nom: String
-prenom: String
-id: int

+getNom(): String
+getPrenom(): String
+getId(): int
+Médecin(nom: String, prenom: String, id: int)

Patient
-nom: String
-prenom: String
-categorieAge: int
-id: int
-contreIndications: List<ContreIndication>
-traitements: List<Traitement>

+getNom(): String
+getCategorieAge(): int
+getId(): int
+getPrenom(): String
+Patient(nom: String, prenom: String, catAge: int, id: int)
+setCategorieAge(catAge: int)
+getListContreIndications(): List<ContreIndication>
+getListTraitement(): List<Traitement>
+addContreIndication(newContreIndication: ContreIndication)
+removeContreIndication(nomContreIndication: String)
+addTraitement(traitement: Traitement)

Traitement
-dateD: Date
-dateF: Date
-medicaments: List<Médicament>

+getDateD(): Date
+getDateF(): Date
+getListMedicaments(): List<Médicament>
+Traitement(dateD: Date, dateF: Date, médicaments: List<Médicament>)
+setDateF(newDateF: Date)

ContreIndication
-nom: String

+getNom(): String

Maladie
-nom: String
-molécules: List<molécule>

+Maladie(nom: String, molécules: List<Molécule>)
+getNom(): String
+getMolécules(): Molécules

Médicament
-nom: String
-molécule: Molécule

+getNom(): String
+getMolécule(): Molécule
+Médicament(nom: String, molécule: Molécule)

Molécule
-nom: String
-conflits: List<Molécule>

+getNom(): String
+Molécule(nom: String)
+getConflits(): List<Molécule>

GraphiqueInterface

Frame
-panel: Panel

+Frame()
+setModel(model: Model)

"interface" Panel
+Panel()
+setModel()
+paint(g: Graphics)

parametresPanel
+paint(g: Graphics)
+Panel()
+setModel()

loginPanel
+paint(g: Graphics)
+Panel()
+setModel()

fichePatientPanel
+paint(g: Graphics)
+Panel()
+setModel()

modifierPatientPanel
+paint(g: Graphics)
+Panel()
+setModel()

recherchePanel
+paint(g: Graphics)
+Panel()
+setModel()

conflitPanel
+paint(g: Graphics)
+Panel()
+setModel()

modifierOrdonnancesPanel
+paint(g: Graphics)
+Panel()
+setModel()

Model

Model
+Model()
-estConflictuel(patient: Patient, medicament: Medicament): Boolean
-solution(patient: Patient, maladie: Maladie): List<Medicament>
~algorithme(patient: Patient, medicament: Medicament, maladie: Maladie): List<Medicament>