Java Class Diagram

Symbol Key:

Primary Class	Secondary Class

User Class

enabled Boolean
user_id Long
username String
password String
full_name String
email String

User Setters

-setUser_id(Long id) : void

-setUsername(String username) : void

-setPassword(String password) : void

-setFull_name(String name) : void

-setEmail(String email) : void

-setEnabled(boolean enabled) : void

User Getters

-getUser_id : Long

-getUsername : String

-getPassword : String

-getFull_name : String

-getEmail : String

-getEnabled : Boolean

-getRoleNames() : String

Role Setters

-setName(String name) : void

-setRemove(boolean remove) : void

Role Getters

-getRole_id : Integer

-getName : String

-getRemove : Boolean

Role Class (Secondary class)

remove Boolean
role_id Integer
name String

FileUpload Class

active int
id Long
order Long
filepath String
filename String
filetype String

FileUpload Setters

-setID(Long id) : void

-setOrder(Long order) : void

-setFilepath(String filepath) : void

-setFilename(String filename) : void

-setFiletype(String filetype) : void

-setActive(int active) : void

FileUpload Getters

-getID : Long

-getOrder : Long

-getFilepath : String

-getFilename : String

-getFiletype : String

-getActive : Int

Order Class

id Long
patient Long
modality Long
referral_md Long
appointment Long
status Long
report Long
notes String

Order Setters

-setID(Long id) : void

-setPatient(Long patient) : void

-setModality(Long modality) : void

-setReferral_md(Long referral_md) : void

-setAppointment(Long appointment) : void

-setNotes(String notes) : void

-setStatus(Long status) : void

-setReport(Long report) : void

Order Getters

-getID : Long

-getPatient : Long

-getModality : Long

-getReferral_md : Long

-getAppointment : Long

-getNotes : String

-getStatus : Long

-getReport : Long

Alert Class (Secondary Class)

alert_id Long
name String

Status Class (Secondary Class)

status_id Long
name String

Modality Class (Secondary Class)

modality_id Long
name String

Patient Setters

id Long
first_name String
dob String
sex String
race String
ethnicity String

Patient Setters

-setID(Long id) : void

-setFirst_name(String first_name) : void

-setLast_name(String last_name) : void

-setDob(String dob) : void

-setSex(String sex) : void

-setRace(String race) : void

-setEthnicity(String ethnicity) : void

Patient Getters

-getID : Long

-getFirst_name : String

-getLast_name : String

-getDob : String

-getSex : String

-getRace : String

-getEthnicity : String

Appointment Class

id Long
patient Long
order Long
modality Long
radiologist Long
technician Long
phonenumber String
emailaddress String
date String
time String

Appointment Setters

-setID(Long id) : void

-setPatient(Long patient) : void

-setOrder(Long order) : void

-setModality(Long modality) : void

-setDatetime(String date) : void

-setRadiologist(Long radiologist) : void

-setTechnician(Long technician) : void

-setPhonenumber(String phonenumber) : void

-setEmailaddress(String emailaddress) : void

-setDate(String date) : void

-setTime(String time) : void

setCheckedin(int checkedin) : void

setClosed(int closed) : void

Appointment Getters

-getId : Long

-getPatient : Long

-getOrder : Long

-getModality : Long

-getDatetime : String

-getRadiologist : Long

-getTechnician: Long

-getPhonenumber : String

-getEmailaddress : String

-getDate : String

-getTime : String

-getCheckedin : int

-getClosed : int

DiagnosticReport Class

id Long
report Long
patient Long
radiologist Long
appointment Long
imaging Long
notes String

DiagnosticReport Setters

-setReport(Long report) : void

-setPatient(Long patient) : void

-setRadiologist(Long radiologist) : void

-setAppointment(Long appointment) : void

-setImaging(String imaging) : void

-setNotes(String notes) : void

DiagnosticReport Getters

-getReport : Long

-getPatient : Long

-getRadiologist : Long

-getTechnician : Long

-getAppointment : Long

-getImaging : Long

-getNotes : String