

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 price 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

<u>AppointmentClass</u>
id Long patient Long order Long modality Long radiologist Long technician Long phonenumber String emailaddress String date String time String enrolleename String enrolleeid String issuer String
Appointment Setters
-setID(Long id) : void -setPatient(Long patient) : void -setOrder(Long order) : void -setModality(Long modality) : void -setDatetime(String date) : void -setEnrolleename(String enrolleename) : void -setEnrolleeid(String enrolleeid) : void -setIssuer(String issuer) : 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

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

- 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
- getEnrolleename: String
- getEnrolleeid : String
- getIssuer : String