Documentation of Class Diagram

Terms:

eternal
- means that a record of this kind can NEVER be removed from the database by any means

non-removeable
- means that a record of this kind can not be removed through a DELETE request to the model, and can only be removed from the database if the record that it belongs to is removed

removeable
- means that a record of this kind can be removed through a DELETE request to the model

modifiable
- means that this attribute can be modified through a PUT request to the record

non-modifiable
- means that once this attribute has been set during creation, it can never be modified using a PUT request

uniques
- notes the unique attributes, that no other record may have the same value of

links/linked
- a record gains a reference to another record from a different model

Administrator:
- eternal
- uniques: email (across Administrators, Physiotherapists, and PatientProfiles), userAccount (across Administrators, Physiotherapists, and PatientProfiles)
- non-modifiables: email
- not linked to UserAccount upon creation

Appointment:
- removeable

AssessmentTest:
- removeable

City:
- removeable (**NOTE:** Instead of removing the eternal PatientProfiles that it references, sets their city attributes to **NULL**)

CompletedInjuryForm:
- removeable

Country:

- removeable (**NOTE:** Instead of removing the eternal PatientProfiles that it references, sets their country attributes to **NULL**)

Exercise:

- removeable
- not linked to an Image upon creation

ExercisesList:

- removeable

Form:

- removeable

Gender:

- removeable (**NOTE:** Instead or removing the eternal PatientProfiles that it references, sets their gender attributes to **NULL**)

Image:

- if Image references a PatientProfile:
    o removeable
    o non-modifiables: all
- if Image references an Exercise:
    o non-removeable
    o links to Exercise upon creation

InjuryForm:

- removeable

InjuryResult:

- non-removable
- non-modifables: all

PatientProfile:

- eternal
- uniques: email (across Administrators, Physiotherapists, and PatientProfiles), userAccount (across Administrators, Physiotherapists, and PatientProfiles)
- non-modifiables: email
- not linked to UserAccount upon creation

Payment:

- removeable
- non-modifiables: all

Physiotherapist:

- eternal
- uniques: email (across Administrators, Physiotherapists, and PatientProfiles), userAccount (across Administrators, Physiotherapists, and PatientProfiles)

- non-modifiables: email
- not linked to UserAccount upon creation

Province:
- removeable (**NOTE:** Instead of removing the eternal PatientProfiles that it references, sets their province attributes to **NULL**)

Question:
- removeable

QuestionsList:
- removeable

QuestionType:
- removeable

Recommendation:
- removeable

RehabilitationPlan:
- removeable

TestResult:
- non-removable

Treatment:
- removeable
- non-modifiables: all

UserAccount:
- eternal
- uniques: userAccountName (across UserAccounts)
- non-modifiables: userAccountName
- if UserAccount references an Administrator:
    o links to Administrator upon creation
- if UserAccount references a Physiotherapist:
    o links to Physiotherapist upon creation
- if UserAccount references a PatientProfile:
    o links to PatientProfile upon creation