# 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:
  + removeable
  + non-modifiables: all
* if Image references an Exercise:
  + non-removeable
  + 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:
  + links to Administrator upon creation
* if UserAccount references a Physiotherapist:
  + links to Physiotherapist upon creation
* if UserAccount references a PatientProfile:
  + links to PatientProfile upon creation