

1. QRReferralID is a auto generated ID with combination of state abbreviation and random number
 2. Required attributes are state, con/ops, sourceName, requestReason, phoneNumber, providerName, providerPhoneNumb
 3. Default status value is "open"
 4. When record deleted status set to "deleted"

```

QRReferral
  / id : long
  qrReferralId : string(10)
  con : string(10)
  rpi : string(10)
  sourceName : string(20)
  sourceId : string(20)
  requestReason : string(50)
  providerName : string(200)
  providerAddress : string(1024)
  providerPhoneNumb : string(12)
  contactName : string(200)
  phoneNumb : string(12)
  comment : string(4000)
  status : string(10)
  startDate : Date
  lastDataTimely : Date
  lastDataTimely : string(1)
  contactedTimely : string(1)
  deleteReason : string(4000)
  settingShortDesc : string(8)
  settingLongDesc : string(180)
  overrideReason : string(4000)
  state : string(100)
  statusChangeReason : string(5000)
  type : State
  createdBy : User
  updatedBy : User
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

Investigation must have at least one follow up letter

Until we connect to actual Oracle database, we maintain a PRS table with agent data to get PCN, RPI and other information

```

PRS
  con : string(10)
  rpi : string(10)
  state : string(2)
  name : string(255)
  address : string(1024)
  
```

1. Category and type are required attributes.

```

ReferralIssue
  / id : long
  category : string(500)
  type : string(500)
  constantVisitRequired : boolean
  dateOfChange : Date
  constantVisited : boolean
  visitedDate : Date
  refusalReason : string(255)
  comment : string(255)
  status : string(10)
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

1. Category and type are required attributes.

```

PermissibleValue
  / id : long
  type : string(500)
  value : string(500)
  active : boolean
  parent : PermissibleVal
  / createdAt : Date
  / updatedAt : Date
  
```

Excluded instances of QRReferral status. Ex. Open can be ReferralStatus, PlanType, IssueType, Category. Ex. OpenType will have parent as Category ID. Ex. Type, value and active are required attributes

This is existing name in file domain class

```

SubmissionFile
  / id : long
  fileName : string
  orginaFileName : string
  uploadTime : long
  status : string
  error : string
  uploadURL : string
  active : boolean
  current : boolean
  recordNum : int
  sortDate : Date
  referralInvestigation : ReferralInvestigat...
  plan : Plan
  qrReferral : QRReferral
  createdBy : User
  updatedBy : User
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

1. Update and contactName are required

```

RIPhoneCall
  / id : long
  callDate : Date
  contactName : string(2)
  callNote : string(500)
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

1. Required attributes are active

```

RIOutcomeFactoryClosed
  / id : long
  createdBy : User
  updatedBy : User
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

InfectionControlRate
  / id : long
  dataSource : string(255)
  numerator : float
  denominator : float
  infectionType : string(50)
  rate : float
  residentCount : int
  bedCount : int
  date : Date
  comment : string(255)
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

CovidPositiveRate
  / id : long
  dataSource : string(255)
  type : string(255)
  numerator : float
  denominator : float
  upRateType : string(50)
  rate : float
  date : Date
  comment : string(255)
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

InfectionRate
  / id : long
  null : float
  pneumonia : float
  woundInfection : float
  sepsis : float
  viralHepatitis : float
  tuberculosis : float
  cdiff : float
  influenza : float
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

RIOutcome
  / id : long
  action : string(255)
  active : boolean
  finalOutcomeStatus : string(100)
  finalOutcomeReason : string(500)
  feedback : string(50)
  comment : string(255)
  createdBy : User
  updatedBy : User
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

Plan
  / id : long
  requestDate : Date
  receiveDate : Date
  cStatusCommitment : boolean
  createdBy : User
  updatedBy : User
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

RIOutcomeInterrupted
  / id : long
  reason : string(255)
  interruptedDate : Date
  reassessDate : Date
  finalOutcomeDecision : boolean
  reasonType : string(100)
  createdBy : User
  updatedBy : User
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

RIOutcomeNotNeeded
  / id : long
  reason : string(255)
  autoNotificationDate : Date
  autoNotificationDate : Date
  createdBy : User
  updatedBy : User
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

RIOutcomeEducational
  / id : long
  createdBy : User
  updatedBy : User
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

InterventionCategory
  / id : long
  category : text
  subCategory : text
  date : Date
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

Intervention
  / id : long
  category : text
  subCategory : text
  date : Date
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

VaccineRate
  / id : long
  dataSource : string(255)
  category : string(255)
  numerator : float
  denominator : float
  contraindication : int
  vaccineRefusal : int
  vRateType : string(50)
  rate : float
  date : Date
  vaccineReceived : int
  comment : string(255)
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

```

RIOutcomeProceed
  / id : long
  problem : string(255)
  goal : string(255)
  implementationPlan : string
  createdBy : User
  updatedBy : User
  / createdAt : Date
  / updatedAt : Date
  / deletedAt : Date
  
```

