GCPD Crime Tracker ERD

crime_investigations

Model: **CrimeInvestigation**

belogns_to :crime
belongs_to :investigation

crime_id (FK)	integer
investigation_id (FK)	integer

crimes

Model: **Crime**

has_many :crime_investigations
has_many :investigations, through: :crime_inv

name	string
felony	boolean
active	boolean

units

Model: **Unit**

has_many :officers
has_many :assignments, through: :officers

name*	string
active	boolean

investigations

Model: **Investigation**

has_many :investigation_notes
has_many :assignments
has_many :officers, through: :assignments
has_many :crime_investigations
has_many :crimes, through: :crime_investig
has_many :suspects
has_many :criminals, through: :suspects

title*	string
description	text
crime_location	string
date_opened*	date
date_closed	date
solved	boolean
batman_involved	boolean

assignments

Model: **Assignment**

belongs_to :officer
belongs_to :investigation

investigation_id (FK)	integer
officer_id (FK)	integer
start_date*	date
end_date	date

officers

Model: **Officer**

has_many :assignments
has_many :investigations, through: :assignmts
belongs_to :unit
belongs_to :user
has_many :investigation_notes

first_name*	string
last_name*	string
unit_id (FK)	integer
rank*	string
ssn*	string
user_id (FK)	integer
active	boolean

investigation_notes

Model: **InvestigationNote**

belongs_to :investigation
belongs_to :officer

investigation_id (FK)	integer
officer_id (FK)	integer
content*	text
date	date

Important Note: Officers has the following additional attributes:

- username*: string
- role*: string
- password_digest: string

Notes

1. All tables have the standard Rails 'Id' field by default as primary key

2. All active fields are true by default

3. In investigations table, *solved* and *batman_involved* are false by default

4. In criminals table, *convicted_felon* and *enhanced_powers* are false by default

5. All foreign keys are required; all required non-key fields are marked with *