GCPD Crime Tracker ERD

crime_investigations
Model: **CrimeInvestigation**
belongs_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

suspects
Model: **Suspect**
belongs_to :criminal
belongs_to :investigation

id	integer
criminal_id (FK)	integer
investigation_id (FK)	integer
added_on*	date
dropped_on	date

criminals
Model: **Criminal**
has_many :suspects
has_many :investigations, through: :suspects

first_name*	string
last_name*	string
aka	string
convicted_felon	boolean
enhanced_powers	boolean
notes	text

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 *