

**User Model**

Field	Type	Key	Default	Extra
userID	INTEGER	PK	NOT NULL	SERIAL
first_name	VARCHAR(20)		NOT NULL	
last_name	VARCHAR(20)		NOT NULL	
phone_number	INTEGER		NOT NULL	
email	VARCHAR(50)		NOT NULL	
department	VARCHAR(50)	FK	NOT NULL	References department table
admin_access	BOOLEAN		NOT NULL	T = administrator
reports	array	FK	empty	References a report(s)

**Report Model**

Field	Type	Key	Default	Extra
reportID	INTEGER	PK	NOT NULL	SERIAL
reporter_ID	INTEGER	FK	NOT NULL	References a user
date	DATE/TIME		NOT NULL	Built-in function
emergency_level	INTEGER		NOT NULL	Corresponds to a category
open_closed	INTEGER		0	0 = open, 1 = closed
description	VARCHAR(500)		NOT NULL	
classification	INTEGER		NOT NULL	Corresponds to a category
status	INTEGER		0	0 = pending, 1 = reviews
approved	BOOLEAN		F	T = approved
location_lat	DECIMAL		NOT NULL	From mapping API
location_long	DECIMAL		NOT NULL	From mapping API

**Department Model**

Field	Type	Key	Default	Extra
departmentName	VARCHAR(30)	PK	NOT NULL	One of a predefined list
department_contact	VARCHAR(100)		NOT NULL	Contact information