Incidents

PK					
PK	incidents_id	INT	20	NOT NULL	AUTO INCREMENT
	location	VARCHAR	255		
	status	INT	1		REFERENCE status
	report date and time	DATETIME		NOT NULL	
	processed data and time	DATETIME			
	solved date and time	DATETIME			
	closed date and time	DATETIME			
	incident urgency	INT	1	NOT NULL	1:high 2:medium 3:low
	incident impact	INT	1	NOT NULL	1:high 2:medium 3:low
	type of incident_id	INT	9	NOT NULL	REFERENCES types of incidents
	other_type_description	VARCHAR	255		
	incident_description	TEXT			
	reporter_id	INT	9	NOT NULL	REFERENCES people
	assignee_id	INT	9		REFERENCES people
	assignee_comments	TEXT			

People

PK					
PK	person_id	INT	9	NOT NULL	AUTO INCREMENT
	first_name	VARCHAR	60		
	last_name	VARCHAR	60	NOT NULL	
	user_name	VARCHAR	60		
	phone	INT	10	NOT NULL	
	second phone	INT	10		
	email	VARCHAR	255		
	group_id	INT	9	NOT NULL	REFERENCES groups

types of incidents

PK					
PK	type_of_incident_id	INT	9	NOT NULL	AUTO INCREMENT
	type_name	VARCHAR		NOT NULL	

incidentType_department

PK					
PK	incidentType_department_i	INT	9	NOT NULL	AUTO INCREMENT
	type_of_incident_id	INT	9	NOT NULL	REFERENCES types of incidents
	department_id	INT	9	NOT NULL	REFERENCES departements

Departements

PK	department_id	INT	9	NOT NULL	AUTO INCREMENT
	department_name	VARCHAR		NOT NULL	

Groups

PK	group_id	INT		NOT NULL	AUTO INCREMENT
	group_name	VARCHAR		NOT NULL	
	department_id	INT		NOT NULL	REFERENCES departements

Example:

group_id	group_name	department_id
1	Buildings and Facilities	2
2	Construction Support	2
3	Environmental Management	2
4	Laboratories	2
5	Training	2
6	Front Desk Staff	2

incidentType_group

PK	incidentType_group_id	INT	9	NOT NULL	AUTO INCREMENT
	type_of_incident_id	INT	9	NOT NULL	REFERENCES types of incidents
	group_id	INT	9	NOT NULL	REFERENCES groups

incident_audit

PK	incident_audit_id	INT	9	NOT NULL	AUTO INCREMENT
	dt	TIMESTAMP		NOT NULL	
	incidents_id	INT	9	NOT NULL	REFERENCES incidents
	location	VARCHAR			
	status	INT			
	processed date and time	DATETIME			
	solved date and time	DATETIME			
	incident urgency	INT			
	incident imapact				
	type of incident_id	INT			
	other_type_description	VARCHAR			
	incident_description	TEXT			
	incident_assignee_id	INT			
	assignee_comments	TEXT			

Status

PK	status_id	INT	9	NOT NULL	AUTO INCREMENT
	status_name	VARCHAR	255	NOT NULL	1-reported 2-processing 3-reassigned 4-solved 5-closed