

User				
PK	user_id	INTEGER(9)		
	first_name	VARCHAR(60)	NOT NULL	
	last_name	VARCHAR(60)	NOT NULL	
	email	VARCHAR(255)	NOT NULL	UNIQUE
	phone	VARCHAR(12)		
Employees				
FOREIGN_KEY	user_id	INTEGER(9)	NOT NULL	
FOREIGN_KEY	dept_id	INTEGER(9)	NOT NULL	
PK(user_id, dept_id)				
Managers				
PK	user_id	INTEGER(9)		
FOREIGN_KEY	dept_id	INTEGER(9)	NOT NULL	
PK(user_id, dept_id)				
Incidents				
PK	incident_id	INTEGER(9)		
	location	VARCHAR(255)	NOT NULL	
	report_date	TIMESTAMP	NOT NULL	
	start_date	TIMESTAMP		
	checkout_date	TIMESTAMP		
	resolve_date	TIMESTAMP		
FOREIGN_KEY	incident_type_id	INTEGER(9)	NOT NULL	
	severity	INTEGER(2)		
	bump_count	INTEGER(7)		
Incident_Update_Audits				
PK	incident_audit_id	INTEGER(9)		
FOREIGN_KEY	incident_id	INTEGER(9)	NOT NULL	
	datetime	TIMESTAMP	NOT NULL	
	name	VARCHAR(255)	NOT NULL	
	resolver_name	VARCHAR(255)	NOT NULL	
FOREIGN_KEY	user_id	INTEGER(9)		
FOREIGN_KEY	resolver_user_id	INTEGER(9)		
	location	VARCHAR(255)	NOT NULL	

Departments				
PK	dept_id	INTEGER(9)		
	name	VARCHAR(60)	NOT NULL	UNIQUE
	address	VARCHAR(255)	NOT NULL	UNIQUE
	hours_of_operation	VARCHAR(255)	NOT NULL	
	email	VARCHAR(255)		
	phone	VARCHAR(12)		
Dept_Responsibilities				
FOREIGN_KEY	incident_type_id	INTEGER(9)	NOT NULL	
FOREIGN_KEY	dept_id	INTEGER(9)	NOT NULL	
PK(incident_type_id, dept_id)				
Dept_Hierarchy				
FOREIGN_KEY	parent_dept_id	INTEGER(9)	NOT NULL	
FOREIGN_KEY	child_dept_id	INTEGER(9)	NOT NULL	
PK(parent_dept_id, child_dept_id)				
Incident_Types				
PK	incident_type_id	INTEGER(9)		
	name	VARCHAR(255)	NOT NULL	UNIQUE
FOREIGN_KEY	incident_major_type	INTEGER(9)	NOT NULL	
	default_severity	INTEGER(2)		
Incident_Duplicates				
FOREIGN_KEY	incident_id	INTEGER(9)	NOT NULL	
FOREIGN_KEY	repeat_incident_id	INTEGER(9)	NOT NULL	
PK(incident_id, repeat_incident_id)				
Incident_Major_Types				
PK	incident_major_type	INTEGER(9)		
FOREIGN_KEY	incident_type_id	INTEGER(9)	NOT NULL	
	name	VARCHAR(255)	NOT NULL	UNIQUE

	report_date	TIMESTAMP	NOT NULL	
	start_date	TIMESTAMP		
	checkout_date	TIMESTAMP		
	resolve_date	TIMESTAMP		
FOREIGN_KEY	incident_type_id	INTEGER(9)	NOT NULL	
	severity	INTEGER(2)		
	bump_count	INTEGER(7)		

Incident_Questions				
PK	question_id	INTEGER(9)		
FOREIGN_KEY	incident_type_id	INTEGER(9)	NOT NULL	
	question	VARCHAR(255)	NOT NULL	
	question_form	VARCHAR(255)	NOT NULL	
	min_val	INTEGER(9)		
	max_val	INTEGER(9)		

Question_Answers				
PK	answers_id	INTEGER(9)		
FOREIGN_KEY	question_id	INTEGER(9)	NOT NULL	
	default_answer	BOOLEAN		
	option_text	VARCHAR(255)	NOT NULL	

Report_Comments				
FOREIGN_KEY	incident_id	INTEGER(9)	NOT NULL	
FOREIGN_KEY	answer_id	INTEGER(9)	NOT NULL	
PK(incident_id, response_id)				

Report_Audits				
PK	report_audit_id	INTEGER(9)		
	datetime	TIMESTAMP	NOT NULL	
	name	VARCHAR(255)	NOT NULL	
FOREIGN_KEY	user_id	INTEGER(9)		
FOREIGN_KEY	incident_id	INTEGER(9)	NOT NULL	
FOREIGN_KEY	answer_id	INTEGER(9)	NOT NULL	

Responses				
PK	response_id	INTEGER(9)		
FOREIGN_KEY	incident_id	INTEGER(9)	NOT NULL	

Report_Custom_Comments				
FOREIGN_KEY	incident_id	INTEGER(9)	NOT NULL	
FOREIGN_KEY	answer_id	INTEGER(9)	NOT NULL	
	custom_comment	TEXT	NOT NULL	
PK(incident_id, response_id)				

Custom_Report_Audits				
PK	custom_report_audi	INTEGER(9)		
	datetime	TIMESTAMP	NOT NULL	
	name	VARCHAR(255)	NOT NULL	
FOREIGN_KEY	user_id	INTEGER(9)		
FOREIGN_KEY	incident_id	INTEGER(9)	NOT NULL	
FOREIGN_KEY	answer_id	INTEGER(9)	NOT NULL	
	custom_comment	TEXT	NOT NULL	

Incident_Response_Steps										
PK	question_id	INTEGER(9)								
FOREIGN_KEY	incident_type_id	INTEGER(9)	NOT NULL							
	question	VARCHAR(255)	NOT NULL							
FOREIGN_KEY	form_id	INTEGER(9)	NOT NULL							
Incident_Response_Requirements										
PK	requirement_id	INTEGER(9)								
FOREIGN_KEY	incident_type_id	INTEGER(9)	NOT NULL							
	contact_person	VARCHAR(255)	NOT NULL							
FOREIGN_KEY	form_id	INTEGER(9)	NOT NULL							