Data Dictionary:

Table: Disasters

Field name	Data type	Constraint type	Description
Disaster_id	Integer	Primary key	Identifier number for disaster
name	Varchar2(150)	Not null	The name of disaster
type	Varchar2(50)	Not null	The type of disaster
Start_time	timestamp	Not null	The time of started
End_time	timestamp	-	The time of ended
status	Varchar2(20)	Not null	The status of disaster
Description	Varchar2(4000)	-	Description for the disasters

Table: locations

Field name	Data type	Constraint type	Description
Location_id	integer	Primary key	Identifier number for location
Name	Varchar2(150)	Not null	The name of location
description	Varchar2(4000)	-	for Description the location
Created_at	Timestamp	-	The time of created
Type	Varchar2(30)	-	The type of location
Disaster_id	Integer	Foreign key	The id of disaster

Table: teams

Field name	Data type	Constraint type	Description
Team_id	integer	Primary key	Identifier number for teams
Name	Varchar2(150)	Not null	The name of team
type	Varchar2(30)	Not null	The type of team
status	Varchar2(20)	Not null	The status of team
Capacity	integer	Not null	The number of team members
Base_location_id	integer	Foreign key	The location of team

Table: team_contact_phone

Field name	Data type	Constraint type	Description
Contact_id	integer	Primary key	Identifier number of contact
Contact_Phone	Varchar2(12)	Not null	Contact number by phone
Team_id	integer	Foreign key	Identifier number of team

Table: team_contact_email

Field name	Data type	Constraint type	Description
email_id	integer	Primary key	Identifier number of contact
Contact_Email	Varchar2(100)	Not null	Contact number by phone
Team_id	integer	Foreign key	Identifier number of team

Table: equipment

Field name	Data type	Constraint type	Description
Equipment_id	integer	Primary key	Identifier number for equipment
Name	Varchar2(150)	Not null	The nama of equipment
type	Varchar2(30)	-	The type of equipment
Serial_number	Varchar2(20)	Unique	The serial number of equipment
status	Varchar2(20)	Not null	The status of equipment
Last_maintenance	Varchar2(50)	Not null	Last maintenance for the equipment
Team_id	integer	Foreign key	The number of team that have an equipment and able to be null

Table: Team assignment (junction table)

Field name	Data type	Constraint type	Description
Assignment_id	integer	Primary key	Identifier number for assignment of team
Role	Varchar2(1000)	-	The role of team (دور الفريق)
Assigned_at	Timestamp	-	The time of assigned(وقت الانضمام)
Released_at	Timestamp	-	The time of released (وقت الافراج او الخروج)
Note	Varchar2(4000)	-	Any note
Disaster_id	integer	Foreign key	The disaster that will assign for team
Team_id	integer	Foreign key	The team that will disaster

Table: victims

Field name	Data type	Constraint type	Description
Victim_id	integer	Primary key	Identifier number for victims
Name	Varchar2 (150)	-	The name of victim
Age	Integer	CHECK(AGE>0)	The age of the victim
gender	Varchar2(20)	Not null	The gender of the victim
Triage_level	Integer	-	The triage of victims
Condition	Varchar2(1000)	-	The description of victim
Created_at	Timestamp	-	The time of created
Disaster_id	integer	Foreign key	The disaster of the victim
Location_id	integer	Foreign key	The location of victims