

MINI-PROJECT

20MCA245

TABLES

Submitted By:

Amal Babu

RMCA S3 A

Roll No:13

USERS

Column Name	Data Type	Key Constrains
User ID	INT	Primary Key
Username	VARCHAR	NOT NULL
Password	VARCHAR	NOT NULL
Email	VARCHAR	NOT NULL
First Name	VARCHAR	NOT NULL
Last Name	VARCHAR	NOT NULL
Registration Date	DATETIME	NOT NULL

LOGIN

Column Name	Data Type	Key Constrains
Login ID	INT	Primary Key
User ID	INT	Foreign Key
Login Time	DATE TIME	NOT NULL
IPAddress	VARCHAR	NOT NULL

LOCATION TABLE

Column Name	Data Type	Key Constrains
Location ID	INT	Primary Key
Name	VARCHAR	NOT NULL
Lattitude	DECIMAL	NOT NULL
Logitude	DECIMAL	NOT NULL

DISASTER TABLE

Column Name	Data Type	Key Constrains
Disaster	INT	Primary Key
Name	VARCHAR	NOT NULL
Description	TEXT	NOT NULL
Category	VARCHAR	NOT NULL

RESOURCE TABLE

Column Name	Data Type	Key Constrains
Resource ID	INT	Primary Key
Name	VARCHAR	NOT NULL
Description	TEXT	NOT NULL

RESOURCE ALLOCATION TABLE

Column Name	Data Type	Key Constrains
Allocation ID	INT	Primary Key
Resource ID	INT	Foreign Key
Location ID	INT	Foreign Key
Quantity	INT	NOT NULL
Allocation Date	DATETIME	NOT NULL

EMERGENCY RESPONSE TEAM TABLE

Column Name	Data Type	Key Constrains
Team ID	INT	Primary Key
Team Name	VARCHAR	NOT NULL
Team Type	VARCHAR	NOT NULL
Contact Phone	VARCHAR	NOT NULL
Location ID	INT	Foreign Key

EMERGENCY RESPONSE TEAM MEMBER TABLE

Column Name	Data Type	Key Constrains
Member ID	INT	Primary Key
Team ID	INT	Foreign Key
Member Name	VARCHAR	NOT NULL
Member Phone	VARCHAR	NOT NULL
Member Email	VARCHAR	NOT NULL

CAMPS TABLE

Column Name	Data Type	Key Constrains
Camp ID	INT	Primary Key
Camp Name	VARCHAR	NOT NULL
Location ID	INT	Foreign Key
Capacity	INT	NOT NULL
Contact Phone	VARCHAR	NOT NULL
Contact Email	VARCHAR	NOT NULL