

**E-R Diagram for Events and Users:**



**Relational Schema for Events and Users:**

Events	
eventID	BIGINT AUTO_INCREMENT PRIMARY KEY
userID	BIGINT FOREIGN KEY REFERENCES Users(userID)
latitude	DOUBLE
longitude	DOUBLE
eventName	VARCHAR(255)
time	TIMEDATE
description	VARCHAR(1024)

Users	
userID	BIGINT AUTO_INCREMENT PRIMARY KEY
userName	VARCHAR(20)
firstName	VARCHAR(25)
lastName	VARCHAR(25)