

# City Scanner Database Schemas

## Schema to create users table

```
CREATE TABLE `users` (  
  `email` varchar(45) NOT NULL,  
  `password` varchar(500) NOT NULL,  
  `firstname` varchar(45) NOT NULL,  
  `lastname` varchar(45) NOT NULL,  
  `contact` varchar(45) NOT NULL,  
  `points` int(11) NOT NULL,  
  PRIMARY KEY (`email`)  
)
```

## Schemas to create usersplacespost, userseventpost, usersrestaurantpost, usershousingpost table

```
CREATE TABLE `usersplacespost` (  
  `postid` BIGINT NOT NULL auto_increment,  
  `username` varchar(45) NOT NULL,  
  `title` varchar(45) NOT NULL,  
  `postContent` varchar(500) NOT NULL,  
  `ratings` int NOT NULL,  
  `datetime` varchar(45) NOT NULL,  
  `category` varchar(45) NOT NULL,  
  `postsubjectname` varchar(45) NOT NULL,  
  `upvotes` int NOT NULL,  
  `downvotes` int NOT NULL,  
  PRIMARY KEY (`postid`)  
)
```

```
CREATE TABLE `userseventpost` (  
  `postid` BIGINT NOT NULL auto_increment,  
  `username` varchar(45) NOT NULL,  
  `title` varchar(45) NOT NULL,  
  `postContent` varchar(500) NOT NULL,  
  `ratings` int NOT NULL,  
  `datetime` varchar(45) NOT NULL,  
  `category` varchar(45) NOT NULL,  
  `postsubjectname` varchar(45) NOT NULL,  
  `upvotes` int NOT NULL,  
  `downvotes` int NOT NULL,  
  PRIMARY KEY (`postid`)  
)
```

```

CREATE TABLE `usersrestaurantpost` (
  `postid` BIGINT NOT NULL auto_increment,
  `username` varchar(45) NOT NULL,
  `title` varchar(45) NOT NULL,
  `postContent` varchar(500) NOT NULL,
  `ratings` int NOT NULL,
  `datetime` varchar(45) NOT NULL,
  `category` varchar(45) NOT NULL,
  `postsubjectname` varchar(45) NOT NULL,
  `upvotes` int NOT NULL,
  `downvotes` int NOT NULL,
  PRIMARY KEY (`postid`)
)

```

```

CREATE TABLE `usershousingpost` (
  `postid` BIGINT NOT NULL auto_increment,
  `username` varchar(45) NOT NULL,
  `title` varchar(45) NOT NULL,
  `postContent` varchar(500) NOT NULL,
  `ratings` int NOT NULL,
  `datetime` varchar(45) NOT NULL,
  `category` varchar(45) NOT NULL,
  `postsubjectname` varchar(45) NOT NULL,
  `upvotes` int NOT NULL,
  `downvotes` int NOT NULL,
  PRIMARY KEY (`postid`)
)

```

### **Schema to create notifications table**

```

CREATE TABLE `notifications` (
  `notificationid` BIGINT NOT NULL auto_increment,
  `email` varchar(45) NOT NULL,
  `cityname` varchar(45) NOT NULL,
  `notificationtype` varchar(45) NOT NULL,
  PRIMARY KEY (`notificationid`)
)

```

### Schema to create notifications table

```
CREATE TABLE `events` (  
  `eventid` BIGINT NOT NULL auto_increment,  
  `useremail` varchar(50) NOT NULL,  
  `title` varchar(45) NOT NULL,  
  `description` varchar(250),  
  `date` DATE NOT NULL,  
  `address` varchar(100) NOT NULL,  
  `city` varchar(50) NOT NULL,  
  `contact` varchar(45) NOT NULL,  
  `starttime` TIME NOT NULL,  
  `endtime` TIME NOT NULL,  
  `image` varchar(50),  
  PRIMARY KEY (`eventid`)  
)
```