1.Login table

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| user\_id | Varchar(20) | Yes | City hunter user id and primary key. |
| email\_id | Varchar(20) | Yes | City hunter user email address. |
| user\_name | Varchar(20) | Yes | user name in City hunter app. |
| password | Varchar(20) | Yes | City hunter user password. |
| registration\_ip | Varchar(20) | Yes | IP address that use for registration with city hunter. |
| Current\_ip | Varchar(20) | Yes | IP address that use for login with city hunter. |
| Facebook\_id | Varchar(25) | Yes | User facebook account id that he can use for registration |
| Twitter\_id | Varchar(30) | Yes | User twitter id account that he can use for registration |
|  |  |  |  |

2.USER INFORMATION

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | Required | **Description** |
| user\_id | Varchar(10) | Yes | User id City hunter uniquely identifies each user, primary key. |
| password | Varchar(20) | Yes | City hunter user password taken by user. |
| user\_name | Char(20) | yes | Name of the city hunter user |
| first\_name | Char(15) | Yes | First name of user. |
| last\_name | Char(10) | No | Last name of the user. |
| gender | Char(10) | Yes | Gender of city hunter user. |
| date\_of\_birth | Date | Yes | Date of birth of user |
| Address | Varchar(25) | Yes | Address of city hunter user. |
| city | Char(10) | Yes | Living city of user |
| state | Char(15) | Yes | Name of the state of user. |
| country | Char(15) | Yes | Name of the city hunter user country. |
| Zip | Integer | yes | Zip code of user address. |
| email\_address | Varchar(30) | yes | Email address of user. |
| Facebook\_id | Varchar(30) | no | Facebook id of city hunter user if he has. |
| Twitter\_id | Varchar(30) | No | Twitter id of city hunter user if he has. |
| phone\_number | Varchar(15) | yes | Phone number of city hunter user. |
| referred\_By\_Username | Varchar(30) | No | Name of the city hunter user who introduce new user. |
| profile\_picture | bytea | yes | City hunter user profile picture. |
| Picture | bytea | Yes | Image that user post. |
| number\_of\_coin | Integer | Yes | Number of coin that user have in their account. |
| checkins | Integer | yes | Number of restaurant where user check in. |
| followers | Integer | No | Number of follower that user. |
| fallowing | Integer | No | Number of user who follow him. |
| redeemed | Integer | No | Number of deal that user redeem. |
| favorite | Integer | No | Number of Registration that user like. |
| Registration\_ip | Varchar(20) | Yes | The user IP addresses that he use for registration with city hunter. |
| User\_last\_ip | Varchar(20) | Yes | The user IP that he use last time use city hunter app. |
| Location | Varchar(30) | No | Current location of user by four squire API |
| Pass\_code | Varchar(4) | No | Pass code for open app.(user choice) |
| Gifted\_deals | Integer | No | Number of deal that user purchased but gift other. |
| Received\_Gift\_Deals | integer | No | Number of deal that he find by other city hunter user. |

3. Payment/Billing Information:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| **Payment\_id** | **Varchar(20)** | **Yes** | **Primary key for table .** |
| Type | Varchar(20) | yes | Payment type of user choice payment |
| card\_name | Varchar(20) | yes | Name of the card use for payment. |
| name | Varchar(20) | yes | Name of the card holder . |
| number | Varchar(25) | yes | Number of card that use for payment |
| expiration | Date | Yes | Expiration date of card. |
| csc | integer | Yes | Csc number of user card |
| Address1 | Varchar(25) | Yes | Address of city hunter user. |
| Address | Varchar(25) | Yes | Part two of address of user |
| city | Char(10) | Yes | Living city of user |
| Postal\_code | Varchar(20) | Yes | Postal code of user of card. |
| paypal\_email | Varchar(30) | Yes | User Paypal id . |

4.Restaurant information

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| Name | Varchar(20) | yes | Name of the restaurant. |
| Restaurant ID | Varchar(30) | yes | Unique id for the restaurant. It is a primary key. |
| Address | Varchar(20) | yes | Address of the restaurant. |
| Address2 | Varchar(20) | yes | Address part two of the restaurant. |
| Type | Varchar(45) | Yes | Type of the restaurant. |
| Phone | Varchar(12) | Yes | Phone number of restaurant. |
| Check-ins | Integer | Yes | Number of user that check in the restaurant. |
| Picture | integer | Yes | Number of picture that restaurant post. |
| Redeemed | Integer | Yes | Number of deal redeemed deal. |
| Like | Integer | Yes | Number of user who like that restaurant. |
| Web\_address | Varchar(30) | No | Name of the web site of restaurant. |
| Comment | Integer | Yes | Number of comment that post for restaurant. |
| Coinvalue | Integer | Yes | Coin and dollar ratio. |
| Menu1 | Varchar(20) | Yes | Menu option of that restaurant. |
| Menu2 | Varchar(20) | Yes | Menu option of that restaurant. |
| Menu3 | Varchar(20) | Yes | Menu option of that restaurant. |
| Menu4 | Varchar(20) | Yes | Menu option of that restaurant. |
| Menu5 | Varchar(20) | Yes | Menu option of that restaurant. |
| Deal1 | Varchar(50) | Yes | Deal information of that restaurant. |
| Deal2 | Varchar(50) | no | More deal information of that restaurant. |
| Deal3 | Varchar(50) | Yes | More deal information of that restaurant. |
| Location | Varchar(30) | Yes | GIS location of the restaurant. |
| hours | datetime | yes | The working day and time of restaurant. |
| Vote | Integer | Yes | Number of user vote the restaurant. |
| Cuisine Types | Varchar(30) | Yes | Category nameof restaurant. |
| Redeem\_code\_ | Varchar(10) | No | Code number auto generated when user redeemed the deal. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| Deal\_id | Varchar(10) | Yes | A unique id given by system to identify the deal primary key for table. |
| User\_id | Varchar(20) | Yes | Name of the user who use that deal. |
| Restaurant\_name | Varchar(20) | Yes | Name of the restaurant in which deal is shown. |
| Type | Varchar(10) | Yes | Categorize the deal type it is a coin deal or dollar deal |
| Start\_date | Date | Yes | The date from which the deal start . |
| End\_date | Date | Yes | Last date of deal get expire . |
| Statues | Varchar(10) | Yes | The deal status the deal is used,purched,redeemed,used. |
| Price | Integer | Yes | The cost of deal in coin or dollar or both. |
| Description | Varchar(100) | Yes | About the deal information what the deal about. |

5.Deal information

**6.Check-in**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| Checkin\_id | Varchar(10) | Yes | Unique id generated by the system for checkin, primary key. |
| User\_id | Varchar(10) | Yes | The user id who attached with this id checkin. |
| User\_name | Varchar(20) | Yes | The name of the user who use the checkin. |
| Restaurant | Varchar(10) | Yes | Where the user checkin. |
| Date | Date | Yes | Date and time when user check-in the restaurant. |

### 7. City hunter Picture

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| User\_id | Varchar(10) | Yes | City hunter user id, primary key . |
| Restaurant\_id | Varchar(10) | Yes | City hunter restaurant id for fetching the picture. |
| Profile image | Photo | Yes | The profile image of the user and the restaurant both |
| Like | Integer | No | Number of like on that picture |
| Comment | Integer | No | Number of comment on that picture |
| Date | Date/time | Yes | Date and time when picture post. |
| Coin | Integer | No | Number of coin that related to that picture |

**8.Newsfeed**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| **Newsfeed\_id** | **Verchar(20)** | **Yes** | **Primary key for the table .** |
| User\_name | Varchar(20) | Yes | Name of the user who take same action on the city hunter |
| Restaurant\_name | Varchar(20) | Yes | Name of the restaurant which related with action . |
| Like | Integer | No | Number of like with this action. |
| Coin | Integer | No | Number of coin that related to this action. |
| Comment | Integer | No | Number of comment that post in the action. |
|  |  |  |  |

### 9.Comment table

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| Comment\_id | Varchar(20) | Yes | A unique id that make a comment differ from outher,it is a primary key for the table . |
| User\_id | Varchar(20) | Yes | The city hunter user id. |
| Restraint\_id | Varchar(20) | Yes | The restaurant id for geeting the comment related to that restaurant. |
| Coin | Integer | No | Number of coin rewarded for the comment. |
| Time | Date/time | Yes | Date and time when comment post. |
| Message | Varchar(100) | Yes | The user message what he write in comment. |
| Time | Date/time | Yes | Time when user comment on the post. |

### 10.Follower information

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| User\_id | Varchar(10) | Yes | City hunter User id for whom find the follower, primary key. |
| User\_name | Varchar(20) | Yes | City hunter user name. |
| Coin | Integer | Yes | Number of coin that user have. |
| Status | Verchar(20) | Yes | Is user fallow user id or not. |
|  |  |  |  |

### 11.Follwing information

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| User\_id | Varchar(10) | Yes | City hunter User id for whom find the follower, primary key for the table. |
| User\_name | Varchar(20) | Yes | City hunter user name. |
| Coin | Integer | Yes | Number of coin that user have. |
| Status | Verchar(20) | Yes | Is user fallow the user id or not. |
|  |  |  |  |

### 

### 12.Redeemd deal information

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| Redeemd\_id | Varchar(10) | Yes | Primary key for the table. |
| Code | Varchar(20) | Yes | Code that user get for redeemed the deal. |
| User\_name | Varchar(20) | Yes | City hunter user name who redeemed that deal. |
| date | date | Yes | Last date when user can use that deal. |
| Status | Varchar(20) | Yes | About redeem deal used or not. |

### 13.gift deal

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Required** | **Description** |
| **Gift\_id** | **Varchar(20)** | **Yes** | **Primary key.** |
| Deal\_id | Varchar(20) | Yes | Deal id that use for gift. |
| User\_name | Varchar(20) | Yes | Name of the user who gift the deal. |
| Timestamp | Datetime | Yes | Last date when user can use the deal. |