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| Entity Name | Description | Aliases | Occurrence |
| User | A person who use the web | Another user | A user can join a society and can take part in an event and can quite the society and be the manager of the society |
| Society | A group of the same person who has the same hobby | Club | The society allows people join the society and can make an event. |
| Events | A society make an event at some time and some place. | Party | Which is take by a society and accept the people comment who has taken part the events. |
| Comments | People can make comments after join an event. | Review | When the people take part in an event and he can make comments. |
| Message | The record of the message in the chart room | Record | People can discuss in the chart room |
| Manager | The person who manager the club. | Administrator | Manager can manage the club, the people in the club and the events. |

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| Attribute name | Description | Aliases | Found in entity | Occurrence |
| user\_ID | Uniquely identifiers the users | primary key | user | Every user has an user ID |
| user\_login | Username of the user use to login. | Username | user | Every user has an username |
| user\_pass | The password of the user | Password | user | Evert user has an password |
| user\_email | The email of the user | Email | user | Every user has an email |
| user\_Name | The user’s name | Name | user | Every user has a name |
| user\_gender | The user’s gender | sex | user | Every user has a gender |
| user\_birthday | Date of birth | DOB, birthdate | user | Every user has a date of birth |
| association\_ID | Uniquely identifiers the society | Society | society | Every society has an user ID |
| association\_name | Special name of every society | Society name | society | Every society has a name. |
| memberNum | The number of society member | Member number | society | Every society has different member number |
| association\_description | The summery of the society. | Description | society | The summery of the description to tell people what they do |
| chatroom\_ID | Uniquely identifiers the society chatroom . | Chatroom | society | Every society has a chartroom. |
| event\_ID | Uniquely identifiers the events | Event | event | Every event has a id, |
| event\_name | The subject of the event | Event name | event | Event event has a subject. |
| event\_date | The date of the events | Date, time | event | Event need to ensure the time. |
| event\_location | The location of the event. | Location | event | Event need to ensure the location |
| event\_status | Every event has the status not held, in progress, finish. | Status | event | Every event has the status not held, in progress, finish. |
| meta\_key | Events public key | Public key | event | Key is shown how to connect the event in the database. |
| comment\_ID | Uniquely identifiers the comments | Comments | comment | Every comment has an ID |
| comment\_association\_ID | Shown which association the comment belongs to. |  | comment | The comment belongs to a society. |
| comment\_event\_ID | Shown which event the comment belongs to. |  | comment | The comment is comment a event. |
| comment\_user\_ID | Shown who made the comment. |  | comment | Every comment has a owner. |
| comment\_display\_name | Whether the comment anonymity. | Anonymity | comment | If comment is in anonymity the value is 0. If it is not the value is 1. |
| comment\_author\_IP | The real place of the user. | Ip | comment | Every comment sends by a real computer. And the computer has an Ip. |
| comment\_date | Shown when the comment was sent. | Date | comment | Shown when the comment was sent. |
| comment\_content | The content of the comment. | Comment, text | comment | Every comment needs to have a message |
| msg\_ID | Uniquely identifiers the messages. | Messages | message | Every message needs to have an ID |
| chatroom\_ID | Identify which chartroom the message belongs to. |  | message | Evert message belongs to a chartroom. |
| msg\_senderID | Identify the sender | Sender | message | Every message has sender. |
| msg\_sendername | The name of the sender | Name | message | Every sender has a name. |
| msg\_date | The date of the message send. | Date. | message | Every message has a send time. |
| msg\_content | The content of the message. | Content,text | message | Every message has a message text. |
| msg\_agent | The agent of the sender | agent | message | The agent contains information of the browser and system version . |
| manager\_ID | Uniquely identifiers the manger. | mangerID | manager | Every society has manager. |
| manager\_society | The society of the manager. |  | manager | Every society has manager. |
| manager\_level | The member in the society has the level | Level | manager | The level is member, manager, proprieter. |