**数据库设计**

1. 集合设计
   1. 用户

|  |  |  |  |
| --- | --- | --- | --- |
| 用户 | user |  |  |
| \_id |  |  | 非空 |
| account | QQ号 |  | 非空 |
| password | 密码 |  | 非空 |
| phone | 手机号 |  |  |
| nikeName | 昵称 |  |  |
| photo | 头像文件名 |  |  |
| sign | 个性签名 |  |  |
| created | 创建时间 |  | 非空 |
| banned | 被禁止 |  |  |
| role | 角色 |  |  |

* 1. 分享

|  |  |  |  |
| --- | --- | --- | --- |
| 分享 | share |  |  |
| \_id |  |  | 非空 |
| content | 内容 | text |  |
| images | 图片文件名数组 | string |  |
| publisher\_id | 分享者ID | string | 非空 |
| created | 创建时间 | date | 非空 |
| published | 是否发布 | boolean |  |
| banned | 被禁止 |  |  |
| shield | 屏蔽 |  |  |

* 1. 评论/回复

|  |  |  |  |
| --- | --- | --- | --- |
| 评论/回复 | comment |  |  |
| \_id |  |  |  |
| share\_id | 分享ID |  |  |
| reviewer\_id | 评论者ID |  |  |
| target\_id | 被回复者ID |  |  |
| content | 内容 |  |  |
| created | 创建时间 |  |  |

* 1. 点赞

|  |  |  |  |
| --- | --- | --- | --- |
| 点赞 | like |  |  |
| \_id |  |  |  |
| share\_id | 分享ID |  |  |
| liker\_id | 点赞者ID |  |  |
| created | 创建时间 |  |  |

* 1. 收藏

|  |  |  |  |
| --- | --- | --- | --- |
| 收藏 | collection |  |  |
| \_id |  |  | 非空 |
| user\_id |  |  | 非空 |
| share\_id |  |  | 非空 |
| created | date |  | 非空 |

1. 查询语句