**Database Design**

1. **关系表/table:**

登陆记录表/sign up table

|  |  |  |  |
| --- | --- | --- | --- |
| User\_ID | Email\_address | Password | Username |
|  | \*\*\*\*\*\*\*\*@gmail.com | \*\*\*\*\*\*\* | Zhangsan |
|  | \*\*\*\*\*\*\*\*@hotmail.com | \*\*\*\* | Lisi |
|  | \*\*\*\*\*\*@qq.com | \*\*\*\*\*\*\*\*\*\*\* | Wangwu |
|  |  |  |  |

用户信息表/information table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| User\_ID | Username | Name | Age | Image | classification |
|  | Zhangsan | Linruizhang | 24 | “\*\*.png” | Ultimate |
|  | Lisi | Hulinghuan | 24 | “\*\*.png” | Normal |
|  | Wangwu | Zhouyisheng | 24 | “\*\*.png” | Normal |
|  | Username | Name | Age | Image | classification |
|  |  |  |  |  |  |

用户计划表/user\_plan table

|  |  |
| --- | --- |
| username | Plan\_ID |
| Zhangsan | 001 |
| Zhangsan | 007 |
| Lisi | 002 |
| Wangwu | 003 |
|  |  |

Plan 表/Plan table

|  |  |  |  |
| --- | --- | --- | --- |
| Plan\_ID | Category | Price | Date |
| 001 | Lamp | $15 | 10-1-2013 |
| 007 | Cup | $2 | 9-21-2013 |
| 002 | Chair | $19 | 9-14-2013 |
| 003 | desk | $19 | 10-7-2013 |
|  |  |  |  |

Collaboration Plan table

|  |  |  |  |
| --- | --- | --- | --- |
| Collaboration\_number | Plan\_ID | Owner | Buyer |
| 1 | 004 |  |  |
| 1 | 005 |  |  |
| 1 | 010 |  |  |
| 2 | 011 |  |  |
| 2 | 015 |  |  |

1. **E-R模型/E-R model：**

IEDEF1X 图

