HotelOS数据库设计

客户(User)信息

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 说明 | 备注 |
| username | varchar(20) | 用户名 | primary key, NOT NULL |
| password | char(20) | 用户密码 | NOT NULL |
| name | varchar(20) | 姓名 | NOT NULL |
| gender | boolean | 性别 | NOT NULL |
| phone | varchar(20) | 电话号码 | NOT NULL |
| member\_type | int | 会员类型 | NOT NULL |
| level | unsigned\_int | 等级 | NOT NULL |
| birthday | date | 生日 |  |
| enterprise | char(80) | 企业 |  |
| credit | double | 信用值 | NOT NULL |

信用记录(CreditRecord)信息

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 说明 | 备注 |
| username | varchar(20) | 用户名 | primary key, NOT NULL |
| current\_credit | double | 当前信用值 | NOT NULL |
| changed\_credit | double | 改变的信用值 | NOT NULL |

员工(Personnel)信息

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 说明 | 备注 |
| personnel\_id | int | 员工id | primary key, NOT NULL |
| password | char(20) | 员工密码 | NOT NULL |
| hotel\_id | long | 酒店id |  |

酒店(Hotel)信息

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 说明 | 备注 |
| hotel\_id | long | 酒店id | primary key, NOT NULL |
| hotel\_name | char(60) | 酒店名称 | NOT NULL |
| star | unsigned\_int | 星级 | NOT NULL |
| address | char(100) | 地址 | NOT NULL |
| trading\_area | char(100) | 商圈 | NOT NULL |
| description | TEXT | 描述 |  |
| service | TEXT | 服务 |  |

房间(Room)信息

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 说明 | 备注 |
| hotel\_id | long | 酒店id | primary key, NOT NULL |
| room\_type | int | 房间类型 | NOT NULL |
| room\_amount | unsigned\_int | 房间数量 | NOT NULL |
| price | double | 价格 | NOT NULL |
| qtime | char(40) | 提问时间 | NOT NULL |
| answer\_num | int | 回答数 | NOT NULL, UNSIGNED |

订单(Order)信息

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 说明 | 备注 |
| order\_id | char(20) | 订单id | primary key, NOT NULL |
| hotel\_id | long | 酒店id | primary key, NOT NULL |
| username | varchar(20) | 用户名 | primary key, NOT NULL |
| order\_type | int | 订单类型 | NOT NULL |
| hotel\_name | char(60) | 酒店名称 | NOT NULL |
| room\_type | int | 房间类型 | NOT NULL |
| room\_amount | unsigned\_int | 房间数量 | NOT NULL |
| person\_amount | unsigned\_int | 人数 | NOT NULL |
| with\_children | boolean | 有无儿童 | NOT NULL |
| evaluate\_time | datetime | 评价时间 |  |
| evaluation | TEXT | 评价 |  |
| generate\_time | datetime | 生成订单时间 | NOT NULL |
| expected\_leave\_time | datetime | 预计离开时间 | NOT NULL |
| last\_execute\_time | datetime | 最晚执行时间 | NOT NULL |
| cancel\_time | datetime | 撤销时间 |  |
| origin\_price | double | 原始价格 | NOT NULL |
| actual\_price | double | 实际价格 |  |

促销策略(Promotion)信息

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 类型 | 说明 | 备注 |
| promotion\_id | int | 促销策略id | primary key, NOT NULL |
| begin\_time | datetime | 开始时间 | NOT NULL |
| end\_time | datetime | 结束时间 | NOT NULL |
| discount | double | 折扣 | NOT NULL |