## 管理员用户表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **字段** | **字段名** | **字段类型** | **限制** | **备注** |
| id | 主键 | int(32) | primary key |  |
| username | 用户名 | varchar(64) |  |  |
| password | 密码 | varchar(32) |  |  |
| login\_time | 上次登录时间 | date |  |  |

## 用户表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **字段** | **字段名** | **字段类型** | **限制** | **备注** |
| user\_id | 用户ID | int(32) | primary key |  |
| wx\_id | 微信账号 | varcahr(25) | unique key |  |
| tel\_num | 手机号码 | varchar(12) | unique key |  |
| third\_store | 是否允许第三方写入 | boolean |  |  |
| state | 用户状态 | char(2) |  | 1正常；2注销；3 拉黑 |
| statement | 备注 | varchar(2000) |  |  |

## 购买用户表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **字段** | **字段名** | **字段类型** | **限制** | **备注** |
| buyer\_id | 买主ID | int(32) | primary key |  |
| username | 用户名 | varchar(64) |  |  |
| password | 密码 | varchar(32) |  |  |
| tel\_num | 电话号码 | varcahr(12) |  |  |

## 储物柜表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **字段** | **字段名** | **字段类型** | **限制** | **备注** |
| box\_id | 储物柜ID | int(32) | primary key |  |
| buyer\_id | 买主ID | int(12) |  |  |
| type\_id | 储物柜型号 | int(32) |  |  |
| purchase\_date | 购买日期 | date |  |  |
| state | 储物柜状态 | varchar(2) |  | 备用 |

## 储物柜型号表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **字段** | **字段名** | **字段类型** | **限制** | **备注** |
| box\_type | 柜子型号 | varchar(32) | primary key |  |
| cell\_num | 格子个数 | int(2) |  |  |
| img\_url | 图片链接 | varchar(125) |  |  |

## 格子编号表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **字段** | **字段名** | **字段类型** | **限制** | **备注** |
| box\_type | 柜子类型 | varchar(32) | 联合主键 | 第几个格子 |
| cell\_num | 格子编号 | int(3) |  |
| cell\_type | 格子类型 | varchar(12) |  | small、large、medium三种类型 |
| x\_length | 长度 | int(3) |  | 单位厘米 |
| y\_length | 宽度 | int(3) |  | 单位厘米 |
| z\_length | 深度 | int(3) |  | 单位厘米 |

## 存储价位表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **字段** | **字段名** | **字段类型** | **限制** | **备注** |
| price\_id | 存储位价格表 | int(32) | primary key |  |
| box\_id | 柜子ID | int(32) |  |  |
| cell\_num | 格子编号 | int(3) |  |  |
| free\_time | 免费存放时长 | long(32) |  | 单位（分钟） |
| price\_per\_minute | 每分钟价格 | long(32) |  | 单位（分） |

## 存储物品明细表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **字段** | **字段名** | **字段类型** | **限制** | **备注** |
| item\_id | 存储ID | long(64) | primary key |  |
| box\_id | 储物柜ID | int(32) |  |  |
| cell\_num | 格子编号 | int(3) |  |  |
| store\_user\_id | 存放人ID | int(32) |  |  |
| take\_user\_id | 取货人ID | int(32) |  |  |
| take\_code | 取件码 | varchar(128) |  | 使用MD5加密 |
| store\_date | 存放时间 | date |  |  |
| take\_date | 取出时间 | date |  |  |
| state | 状态 | char(2) |  | 1存放中；2 已取出；3 物品已扣留 |

## 账单表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **字段** | **字段名** | **字段类型** | **限制** | **备注** |
| id | 账单ID | int(32) | primary key |  |
| user\_id | 用户ID | int(32) |  |  |
| buyer\_id | 购买方ID | int(32) |  |  |
| no | 账单号 | varchar(32) |  |  |
| amount | 账单金额 | long(64) |  | 单位（分） |
| state | 支付状态 | char(2) |  |  |