**4.2 系统数据表设计**

根据E-R得出数据库包涵了以下几张数据表来实现了对数据库的存储、

调用。

表4-1：收藏表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| userid | bigint |  | 用户id |  |  |
| refid | bigint |  | 商品id |  |  |
| tablename | varchar | 200 | 表名 |  |  |
| name | varchar | 200 | 名称 |  |  |
| picture | longtext | 4294967295 | 图片 |  |  |
| type | varchar | 200 | 类型(1:收藏,21:赞,22:踩,31:竞拍参与,41:关注) |  | 1 |
| inteltype | varchar | 200 | 推荐类型 |  |  |
| remark | varchar | 200 | 备注 |  |  |

表4-2：留言交流

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| userid | bigint |  | 留言人id |  |  |
| username | varchar | 200 | 用户名 |  |  |
| avatarurl | longtext | 4294967295 | 头像 |  |  |
| content | longtext | 4294967295 | 留言内容 |  |  |
| cpicture | longtext | 4294967295 | 留言图片 |  |  |
| reply | longtext | 4294967295 | 回复内容 |  |  |
| rpicture | longtext | 4294967295 | 回复图片 |  |  |

表4-3：热门商品评论表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| refid | bigint |  | 关联表id |  |  |
| userid | bigint |  | 用户id |  |  |
| avatarurl | longtext | 4294967295 | 头像 |  |  |
| nickname | varchar | 200 | 用户名 |  |  |
| content | longtext | 4294967295 | 评论内容 |  |  |
| reply | longtext | 4294967295 | 回复内容 |  |  |

表4-4：配置文件

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| name | varchar | 100 | 配置参数名称 |  |  |
| value | varchar | 100 | 配置参数值 |  |  |

表4-5：购物车表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| tablename | varchar | 200 | 商品表名 |  | remenshangpin |
| userid | bigint |  | 用户id |  |  |
| goodid | bigint |  | 商品id |  |  |
| goodname | varchar | 200 | 商品名称 |  |  |
| picture | longtext | 4294967295 | 图片 |  |  |
| buynumber | int |  | 购买数量 |  |  |
| price | float |  | 单价 |  |  |
| discountprice | float |  | 会员价 |  |  |
| zhanghao | varchar | 200 | 商户名称 |  |  |
| goodtype | varchar | 200 | 商品类型 |  |  |

表4-6：地址

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| userid | bigint |  | 用户id |  |  |
| address | varchar | 200 | 地址 |  |  |
| name | varchar | 200 | 收货人 |  |  |
| phone | varchar | 200 | 电话 |  |  |
| isdefault | varchar | 200 | 是否默认地址[是/否] |  |  |

表4-7：关于我们

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| title | varchar | 200 | 标题 |  |  |
| subtitle | varchar | 200 | 副标题 |  |  |
| content | longtext | 4294967295 | 内容 |  |  |
| picture1 | longtext | 4294967295 | 图片1 |  |  |
| picture2 | longtext | 4294967295 | 图片2 |  |  |
| picture3 | longtext | 4294967295 | 图片3 |  |  |

表4-8：用户表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| username | varchar | 100 | 用户名 |  |  |
| password | varchar | 100 | 密码 |  |  |
| role | varchar | 100 | 角色 |  | 管理员 |
| addtime | timestamp |  | 新增时间 |  | CURRENT\_TIMESTAMP |

表4-9：订单

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| orderid | varchar | 200 | 订单编号 |  |  |
| tablename | varchar | 200 | 商品表名 |  | remenshangpin |
| userid | bigint |  | 用户id |  |  |
| goodid | bigint |  | 商品id |  |  |
| goodname | varchar | 200 | 商品名称 |  |  |
| picture | longtext | 4294967295 | 商品图片 |  |  |
| buynumber | int |  | 购买数量 |  |  |
| price | float |  | 价格 |  | 0 |
| discountprice | float |  | 折扣价格 |  | 0 |
| total | float |  | 总价格 |  | 0 |
| discounttotal | float |  | 折扣总价格 |  | 0 |
| type | int |  | 支付类型 |  | 1 |
| status | varchar | 200 | 状态 |  |  |
| address | varchar | 200 | 地址 |  |  |
| tel | varchar | 200 | 电话 |  |  |
| consignee | varchar | 200 | 收货人 |  |  |
| remark | varchar | 200 | 备注 |  |  |
| logistics | longtext | 4294967295 | 物流 |  |  |
| zhanghao | varchar | 200 | 商户名称 |  |  |
| goodtype | varchar | 200 | 商品类型 |  |  |

表4-10：token表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| userid | bigint |  | 用户id |  |  |
| username | varchar | 100 | 用户名 |  |  |
| tablename | varchar | 100 | 表名 |  |  |
| role | varchar | 100 | 角色 |  |  |
| token | varchar | 200 | 密码 |  |  |
| addtime | timestamp |  | 新增时间 |  | CURRENT\_TIMESTAMP |
| expiratedtime | timestamp |  | 过期时间 |  | CURRENT\_TIMESTAMP |

表4-11：商城资讯

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| title | varchar | 200 | 标题 |  |  |
| introduction | longtext | 4294967295 | 简介 |  |  |
| picture | longtext | 4294967295 | 图片 |  |  |
| content | longtext | 4294967295 | 内容 |  |  |

表4-12：聊天助手表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| ask | varchar | 200 | 提问 |  |  |
| reply | longtext | 4294967295 | 回复 |  |  |

表4-13：联系我们

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| userid | bigint |  | 用户id |  |  |
| adminid | bigint |  | 管理员id |  |  |
| ask | longtext | 4294967295 | 提问 |  |  |
| reply | longtext | 4294967295 | 回复 |  |  |
| isreply | int |  | 是否回复 |  |  |

表4-14：商品分类

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| shangpinfenlei | varchar | 200 | 商品分类 |  |  |

表4-15：帮助

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| wenti | varchar | 200 | 问题 |  |  |
| fengmiantupian | longtext | 4294967295 | 封面图片 |  |  |
| bangzhuhuida | longtext | 4294967295 | 帮助回答 |  |  |
| fabushijian | date |  | 发布时间 |  |  |

表4-6：友情链接

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| qiyemingcheng | varchar | 200 | 企业名称 |  |  |
| tupian | longtext | 4294967295 | 图片 |  |  |
| lianjiewangzhi | varchar | 200 | 链接网址 |  |  |
| lianxidianhua | varchar | 200 | 联系电话 |  |  |

表4-17：商家

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| zhanghao | varchar | 200 | 账号 |  |  |
| mima | varchar | 200 | 密码 |  |  |
| shangjiaxingming | varchar | 200 | 商家姓名 |  |  |
| xingbie | varchar | 200 | 性别 |  |  |
| touxiang | longtext | 4294967295 | 头像 |  |  |
| youxiang | varchar | 200 | 邮箱 |  |  |
| lianxidianhua | varchar | 200 | 联系电话 |  |  |
| money | float |  | 余额 |  | 0 |

表4-18：用户

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| yonghuming | varchar | 200 | 用户名 |  |  |
| mima | varchar | 200 | 密码 |  |  |
| xingming | varchar | 200 | 姓名 |  |  |
| touxiang | longtext | 4294967295 | 头像 |  |  |
| xingbie | varchar | 200 | 性别 |  |  |
| youxiang | varchar | 200 | 邮箱 |  |  |
| shouji | varchar | 200 | 手机 |  |  |
| money | float |  | 余额 |  | 0 |

表4-19：热门商品

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名称 | 类型 | 长度 | 字段说明 | 主键 | 默认值 |
| id | bigint |  | 主键 | 主键 |  |
| addtime | timestamp |  | 创建时间 |  | CURRENT\_TIMESTAMP |
| shangpinmingcheng | varchar | 200 | 商品名称 |  |  |
| shangpinfenlei | varchar | 200 | 商品分类 |  |  |
| tupian | longtext | 4294967295 | 图片 |  |  |
| pinpai | varchar | 200 | 品牌 |  |  |
| zhanghao | varchar | 200 | 账号 |  |  |
| shangjiaxingming | varchar | 200 | 商家姓名 |  |  |
| shangjiariqi | date |  | 上架日期 |  |  |
| shangpinxiangqing | longtext | 4294967295 | 商品详情 |  |  |
| onelimittimes | int |  | 单限 |  |  |
| alllimittimes | int |  | 库存 |  |  |
| clicktime | datetime |  | 最近点击时间 |  |  |
| price | float |  | 价格 |  |  |