说明 (\* 黄色部分为考虑字段 蓝色部分为表关系说明)

## admin(后台管理员)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Id | int(10) unsigned | 0 | NO | 是 | 用户主键 |
| username | varchar(32) | user | NO |  | 管理员账号 |
| password | char(32) | Pass | NO |  | 密码 |
| email | Varchar(32) |  |  |  | 邮箱 |
| Add\_time | Varchar(32) |  |  |  | 添加时间 |
| is\_use | enum | 1 |  |  | 是否禁用 |

## Admin\_role(用户角色表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| admin\_Id | int(10) unsigned | 0 | NO |  |  |
| Role\_id | int(10) unsigned | 0 | no |  |  |

## Role（角色表）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Role\_Id | Mediumint  unsigned | 0 | NO | 是 | 角色主键 |
| Role\_name | Varchar(32) | 超级管理员 | No |  | 角色名称 |

## Role\_pri(角色权限表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Id | Mediumint() unsigned | 0 | NO | 是 | 主键 |
| Role\_id |  |  |  | 外键 | 角色id |
| Pri\_id |  |  |  | 外键 | 权限id |
|  |  |  |  |  |  |

## Privilege(权限表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Id | mediumint unsigned | 0 | NO | 是 | 主键 |
| Pri\_name | Varchar(30) |  |  |  | 权限名称 |
| Module\_name | Varchar(30) |  |  |  | 模块名称 |
| Contro\_name | Varchar(30) |  |  |  | 控制器名 |
| Action\_name | Varchar(30) |  |  |  | 方法名 |
| Parent\_id | mediumint unsigned |  |  |  | 上级权限id |

## member（前台会员）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | int(10) unsigned | 0 | NO | 是 | 关联用户表的id |
| email | Char(30) |  | NO |  | 邮箱(用户名) |
| Pwd | Char(32) |  | no |  | 密码 |
| Pic | Varchar(128) |  |  |  | 会员头像 |
| rtime | int(30) unsigned | 0 | NO |  | 注册时间 |
| Code | Char(4) |  | no |  | 邮箱注册码 |
| Leval\_id |  |  |  |  | 会员等级 |
| Status |  | 0(未激活) |  |  | 激活状态 |

## Member\_level(会员等级)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | int(10) unsigned | 0 | NO | 是 | 关联用户表的id |
| Leval\_name |  |  |  |  | 等级名字 |
| Jifen\_buttom |  |  |  |  | 积分下限 |
| Jifen\_top |  |  |  |  | 积分上线 |

## Member\_price(会员价格)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Price\_id | Mediumint（8） |  |  |  | 主键价格id |
| Goods\_id | Mediumint（8） |  |  |  | 商品id |
| Leval\_id | Mediumint（8） |  |  |  |  |
| Mem\_price |  |  |  |  | 会员价格 |

## Jifen(积分表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | mediumint(8) unsigned | 0 | no | 主键 | id |
| Member\_id | mediumint(8) unsigned |  |  |  | 会员id |
| value | Int(10) | 0 |  |  | 积分值 |
| ?? |  |  |  |  | 积分来源/用途 |
| time | Varchar(64) |  |  |  | 获得积分的时间 |
|  |  |  |  |  |  |

## Post\_message(会员消息 通信) 不会做

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | int(10) unsigned | 0 | NO | 是 | id |
| User\_id |  |  |  |  | 用户id |
| content | Text |  |  |  | 内容 |
| P\_user\_id |  |  |  |  | 接收方的用户id |

## Goods（商品表）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Good\_id | Mediumint(9) | 0 | NO | 是 | 商品ID |
| Good\_name | varchar(255) |  | NO |  | 商品名 |
| price | int(10) | 0 | NO |  | 商品价格（现价） |
| Logo | varchar(20) |  | NO |  | 商品图 |
| Mid\_logo | Varchar(20) |  |  |  | 商品缩略图 |
| Cat\_id | int(20) | 0 | NO |  | 商品分类ID |
| Type\_id | Int(20) | 0 |  |  | 类型id |
| Brand\_id |  |  |  |  | 品牌id |
| Is\_on\_sale | enum | 1 | no |  | 上架 |
| Is\_now | enum | 1 | no |  | 是否新品 |
| is\_hot | enum | 1 | no |  | 是否热卖 |
| Is\_best | enum | 1 | no |  | 是否精品 |
| Sort\_num | tinyint |  | no |  | 排序数字 |
| Is\_delete | enum | 0（不放） |  |  | 是否放入回收站 |

## Goods\_active (商品促销活动)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Act\_id | mediumint unsigned | 0 | NO | 是 | 活动id |
| Act\_name | Varchar(64) |  | no |  | 活动名字 |
| Act\_desc | text |  | no |  | 活动描述 |
| Cat\_id | Mediumint(9) |  | no |  | 商品分类id |
| Start\_time | Varchar(64) |  |  |  | 活动开始时间 |
| at\_id |  |  |  |  |  |
| End\_time | Varchar(64) |  |  |  | 结束时间 |
|  |  |  |  |  |  |

## Active\_type(促销活动的方式)

比如 赠品 大折，买一送一

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| At\_id | mediumint(8) unsigned | **0** | **no** | 主键（不自增） | 类型id |
| At\_name | Varchar(128) | 0 | no |  | 类型的名称 |
| Is\_show |  |  |  |  |  |

## Goods\_number（商品数量表）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| **Goods\_id** | mediumint(8) unsigned | **0** | **no** | 主键（不自增） | 商品id |
| Goods\_num | **Int(10) unsigned** | **0** | **no** |  | 库存量 |

## Good\_pic(商品照片) 111

做商品详情页面时候的展示 (一个商品多张图片)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | int(20) | 0 | NO | 是 | 照片ID |
| Good\_id | mediumint | 0 |  |  | 商品id |
| pic | Varchar(150) |  |  |  | 原图 |
| Sml\_pic | Varchar(150) |  |  |  | 小图 |
| Mid\_pic | Varchar(150) |  |  |  | 中等图 |

## Good\_cat (商品拓展分类表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Good\_id | Mediumint(8) | 0 | NO | 否 | （主键）商品ID |
| Cat\_id | smallint |  |  | 否 | （主键）分类ID |

## Category（分类表）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Cat\_id | Mediumint(8) | 0 | NO | 是 | 分类ID |
| Cat\_name | char(30) |  | NO |  | 分类名称 |
| Attr\_id | Varchar(100) |  | no |  | 筛选属性id |
| parent | int(20) |  | NO |  | 上一级分类ID |
| Sort\_num | tinyint | 4 | no |  | 排序数字 |
| Show\_in\_nav |  | 1（显示） |  |  | 是否在导航栏显示（顶级分类） |
| Is\_true | enum | 1 | no |  | 是否显示 |
| Cat\_desc | text |  |  |  | 分类描述 |

Category（分类表）和Good\_attribute(商品属性表)关联，在分类的添加和修改时展示的属性信息，通过属性表获得

## attribute(属性表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Attr\_id | Mediumint(8) | 0 | NO |  | 属性ID |
| Attr\_name | Varchar(60) |  |  |  | 名字 |
| Cate\_id | Mediumint(8) |  |  |  | 分类 |
| Type\_id | Mediumint(8) |  |  |  | 所在的类型 |
| Attr\_type | Enum |  |  |  | 属性类型1可选，0 |
| Attr\_value | Varchar(150) |  |  |  | 多个可选值用，隔开 |

## Type(类型表);

不同的类型下面有不用的attribute(属性) 如 手机又尺寸，颜色

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Id | int(10) unsigned | 0 | NO | 是 | 类型主键 |
| Type\_name | Varchar(32) |  | No |  | 类型名称 |

## Brand(品牌表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Brand\_id | int(10) unsigned | 0 | NO | 是 | 品牌主键 |
| Brand\_name | Varchar(64) |  |  |  | 名字 |
| Brand\_logo | Varchar(128) |  |  |  | 品牌图标 |
| Site\_url |  |  |  |  | 品牌官方网址 |

## Goods\_attr(商品属性表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | int(10) | 0 | NO | 是 | 主键ID |
| Good\_id | Int(10) |  |  |  | 商品id |
| Attr\_id | Mediumint(8) |  |  |  | 属性id |
| Attr\_value | Varchar(128) |  |  |  | 属性值 |
| Attr\_pic | Decimal(10,2) |  |  |  | 同种商品不同属性价格不同 |

## Good\_comment(商品评价表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Id | Mediumint(8) | 0 | NO | 是 | 主键ID |
| User\_id |  |  | .. |  |  |
| good\_id |  |  |  |  | 商品id |
| User\_name |  |  | .. |  | 用户名 |
| Content | Text |  | ,, |  | 内容 |
| Star |  |  | .. |  | 评分（几星好评） |
| Add\_time | Varchar(64) | 0 | no |  | 评论时间 |
| Com\_pic | Varchar(64) |  |  |  | 评价晒图 |

## Comment\_reply(评价回复)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Id | Mediumint(8) | 0 | NO | 是 | 主键ID |
| Comment\_id |  |  |  |  |  |
| User\_id |  |  |  |  |  |
| content |  |  |  |  |  |
| time |  |  |  |  | 回复时间 |

## Shop(店铺表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | int(20) | 0 | NO | 是 | 主键ID |
| name | char(60) |  | NO |  | 商家名称 |
| Shop\_title | Char(32) |  |  |  | 将显示在标题栏 |
| City | Char(128) |  | no |  | 商家地址 |
| Qq号码 | Char(12) | 0 |  |  | 客服qq |
| pic | char(20) |  | NO |  | 商家头像 |
| Desc | text |  |  |  | 商家介绍 |
| Tel | Varchar(11) |  |  |  | 客服电话 |
|  |  |  |  |  |  |

## Shop\_artical(店铺文章)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Art\_id | int(20) | 0 | NO | 是 | 主键ID |
| Art\_title | Varchar(64) |  | no |  | 文章标题 |
| Is\_true | emup | 1 |  |  | 师傅显示 |
| Art\_user | 取出当前登录用户的名字（session） | | | | 作者 |
| email |  |  |  |  | 作者email |
| Page\_desc | Text |  |  |  | 网页描述 |
| link | Char(32) |  |  |  | 外部链接 |
| Art\_desc | text |  |  |  | 文章内容 |

## Guanggao(网站广告（轮播图）)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | int(20) |  | NO | 是 | 广告ID |
| url | Varchar(50) |  | NO |  | 图片路径 |
| Title | char(30) |  | NO |  | 标题 |
| Pic\_desc | text |  | no |  | 图片描述 |
| Sort | Varchar(10) |  |  |  | 排序 |

## Order(订单基本信息表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Order\_id | mediumint |  | NO | 是 | 订单id |
| order\_num | 初步设计为当前时间（秒数）+随机数 | | | | 订单号 |
| Ship\_id | int(20) |  | no |  | 快递公司 |
| User\_id | int(10) unsigned |  | no |  | 前台用户id |
| consigner | Varchar(60) |  | no |  | 收货人 |
| Adress | Varchar(255) |  | no |  | 收获地址 |
| Tel | Varchae(11) |  | no |  | 收货电话 |
| Pay\_time | Int(10) |  |  |  | 付款时间 |
| Con\_time | Int(10) |  |  |  | 下单时间 |
| Ship\_time | Int(10) |  |  |  | 发货时间 |
| Order\_status | Int(3) |  | no |  | 订单状态 |

Order\_info(订单基本信息表) Shipping(快递公司表) 关联

## Shipping(快递公司表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| ship\_id | int(20)unsigned |  | NO | 是 | 快递公司id |
| Ship\_name | Varchar(120) |  | no |  |  |
| Ship\_desc | Varchar(255) |  | no |  | 快递公司介绍 |

## Order\_goods(订单商品表) 多对多

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | int(20)unsigned |  | NO | 是 | ID |
| Order\_id | mediumint |  | no |  |  |
| Goods\_id | Int(20) |  | no |  | 商品id |
| Goods\_name | Varchar(60) |  | no |  |  |
| Mark\_price | Int(10) |  | no |  | 订单价格 |
| Goods\_num | Varchar(10) |  | No |  | 购买数量 |
| Status | ID 1 代发货 2 待收货 3代付款 4 已收货待评价 | | | | 订单状态 |

## Back\_good(退货表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| Back\_ id | int(20)unsigned |  | NO | 是 | ID |
| User\_id | int(10) |  |  |  | 用户id |
| Goods\_id | .. |  |  |  |  |
| Order\_id | .. |  |  |  |  |
| Ship\_id | .. |  |  |  | 快递商家 |
| Add\_time | .. |  |  |  | 申请时间 |
| Yuanyin |  |  |  |  | 原因 |
| Stute | emup | 1(处理中) |  |  | 状态 |
| 退货的 订单号，商品名称，退款金额，快递公司都通过id获取 | | | | | |

## User\_address(用户收货地址表)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | Int(20) |  | NO |  | 地址id |
| User\_id | int(10) | 0 | NO |  | 前台会员id |
| Name | Char(20) |  | NO |  | 收货姓名 |
| address | text |  | NO |  | 用户地址 |
| phone | char(20) |  | NO |  | 电话 |
| postcode | char(10) |  | NO |  | 邮编 |
| Stute | Emup | 1(默认) | NO |  | 是否为默认地址 |

## Ask(订单或快递的投诉)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | Tinyint(10) |  | NO | 是 | 投诉的id |
| Ask\_num |  |  |  |  | 投诉编号 |
| title | Varchar(64) |  | No |  | 投诉主题 |
| Order\_id | mediumint |  |  |  | 订单id |
| Order\_num | 通过前台来插入（一条数据没必要关联表） | | | | 订单编号 |
| Content | Varchar(128) |  |  |  | 投诉内容 |
| Time | Varchar(32) |  |  |  | 投诉时间 |
| status | emup | 1（已处理） |  |  | 状态 |

## Trade(购物车)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | medinumint |  | no | 是 | 主键id |
| User\_id | int(20) |  | NO |  | 用户ID |
| Good\_id | int(20) |  | NO |  | 商品ID |
| attr | char(30) |  | NO |  | 商品购买属性 |
| number | int(5) |  | NO |  | 商品数量 |
| price | int(10) |  | NO |  | 商品单价 |
| all\_price | int(15) |  | NO |  | 总价 |

## Good\_focus（商品关注表）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | medinumint |  | no | 是 | 主键id |
| good\_id |  |  |  |  | 商品id |
| User\_id | Mediumint(9) unsigneed |  |  |  | 用户id |
| Focus\_time | Varchar(32) |  |  |  | 关注时间 |

## Nav(导航)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | mediumint |  | no | 是 | 主键id |
| Cate\_id | Medinumint(9) |  | no |  | 分类id |
| name | Varchar() |  | no |  | 导航名字 |
| Is\_show | emup | 1（展示） | No |  | 是否展示在首页 |

导航设计的想法，在插入顶级分类的时候有show\_in\_nav如果为1，就插入nav表，在后台单独做页面对导航的展示，修改，删除

## Config(网站基本配置)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **字段名** | **数据类型** | **默认值** | **允许非空** | **自动递增** | **备注** |
| id | mediumint |  | NO | 是 | 主键ID |
| headlogo | Varchar(50) |  | NO |  | 头部logo |
| title | Varchar(128) |  | NO |  | 网站标题 |
| description | Text |  | NO |  | 网站描述 |
| copyright | Varchar(32) |  | NO |  | 网站版权 |
| registerid | Varchar(50) |  | NO |  | 注册号 |
| Allow | Varchar(32) |  | NO |  | 经营许可 |
| Number | Varchar(32) |  | NO |  | ICP备案号 |