**优易信**

**数据库设计说明书**

**卓创科技**

2019年 03月

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| **修订记录** | | | | | | | |
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# 引言

## 文档目的

为了使平台开发人员在系统开发及维护过程中对系统涉及的库表有统一的理解,特编写本文档，本文档做为开发、测试、维护的重要依据。

## 文档范围

后台管理

## 参考文献

## 术语与缩写解释

无

# 数据库环境说明

数据库版本：postgressql11.2

# 命名规则

表前缀：

业务功能表 tb\_busi

系统表 tb\_sys

# 概念模型设计

## 实体-关系图

### 关系模型

# 系统库表

## 系统表

### 用户信息表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **表名** | 用户信息表 | | **表描述** | |  |
| tb\_sys\_user | |
|  | **主键** | id | | | | |
|  | **唯一索引** |  | | | | |
|  | **非唯一索引** |  | | | | |
|  | **字段名** | **中文名** | **类型** | **空值** | **默认值** | **字段描述及说明** |
|  | id | ID | int | 否 |  |  |
|  | nickname | 昵称 | varchar(50) |  |  |  |
|  | sex | 性别 | varchar (10) |  |  |  |
|  | age | 年龄 | int |  |  |  |
|  | pwd | 密码 | varchar (60) |  |  |  |
|  | account | 账号 | varchar (60) |  |  |  |
|  | balance | 余额 | int |  |  |  |
|  | cion | 京币 | int |  |  |  |
|  | head | 头像 | int |  |  |  |
|  | flag | 状态 | varchar (8) |  |  | [1]、0-正常/1-停用 |
|  | create\_time | 创建时间 | timestamp |  |  |  |
|  | remark | 备注 | varchar (255) |  |  |  |
| 说明： | | | | | | |

## 业务表

### 用户地址信息表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **表名** | 用户地址信息表 | | **表描述** | |  |
| tb\_sys\_user\_address | |
|  | **主键** | id | | | | |
|  | **唯一索引** |  | | | | |
|  | **非唯一索引** |  | | | | |
|  | **字段名** | **中文名** | **类型** | **空值** | **默认值** | **字段描述及说明** |
|  | id | ID | int | 否 |  |  |
|  | user\_id | 用户Id |  |  |  |  |
|  | name | 姓名 | varchar(50) |  |  |  |
|  | lable | 标签 | varchar (10) |  |  |  |
|  | phone | 手机 | int |  |  |  |
|  | ssq | 省市区 | varchar (60) |  |  |  |
|  | detail | 详细地址 | varchar (60) |  |  |  |
|  | isdefault | 是否默认 | int |  |  | [1]、0-正常/1-默认 |
|  | flag | 状态 | varchar (8) |  |  | [1]、0-正常/1-停用 |
|  | create\_time | 创建时间 | timestamp |  |  |  |
|  | remark | 备注 | varchar (255) |  |  |  |
| 说明： | | | | | | |

### 商户信息表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **表名** | 商户信息表 | | **表描述** | |  |
| tb\_busi\_ merchant | |
|  | **主键** | id | | | | |
|  | **唯一索引** |  | | | | |
|  | **非唯一索引** |  | | | | |
|  | **字段名** | **中文名** | **类型** | **空值** | **默认值** | **字段描述及说明** |
|  | id | ID | int | 否 |  |  |
|  | name | 名称 | varchar(50) |  |  |  |
|  | business\_hours | 营业时间 | varchar (20) |  |  |  |
|  | address | 地址名称 | varchar(255) |  |  |  |
|  | address\_point | 地址坐标 | varchar(50) |  |  |  |
|  | phone | 电话 | varchar(20) |  |  |  |
|  | brand | 售卖品牌 | varchar (255) |  |  |  |
|  | describe | 简介 | varchar (255) |  |  |  |
|  | license | 营业执照 | int |  |  |  |
|  | health | 卫生证明 | int |  |  |  |
|  | icon | 图标 | int |  |  |  |
|  | flag | 状态 | varchar (8) |  |  | [1]、0-正常/1-停用 |
|  | create\_time | 创建时间 | timestamp |  |  |  |
|  | remark | 备注 | varchar (255) |  |  |  |
| 说明： | | | | | | |

### 用户绑定商户信息表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **表名** | 用户绑定商户信息表 | | **表描述** | |  |
| tb\_busi\_user\_bind\_ merchant | |
|  | **主键** | id | | | | |
|  | **唯一索引** |  | | | | |
|  | **非唯一索引** |  | | | | |
|  | **字段名** | **中文名** | **类型** | **空值** | **默认值** | **字段描述及说明** |
|  | id | ID | int | 否 |  |  |
|  | user\_id | 用户id | varchar(50) |  |  |  |
|  | merchant\_id | 商户id | varchar (20) |  |  |  |
|  | isdefault | 默认 | varchar (8) |  |  | [1]、0- /1-默认 |
|  | flag | 状态 | varchar (8) |  |  | [1]、0-正常/1-停用 |
|  | create\_time | 创建时间 | timestamp |  |  |  |
|  | remark | 备注 | varchar (255) |  |  |  |
| 说明： | | | | | | |

### 用户管理商户信息表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **表名** |  | | **表描述** | |  |
| tb\_busi\_user\_manage\_ merchant | |
|  | **主键** | id | | | | |
|  | **唯一索引** |  | | | | |
|  | **非唯一索引** |  | | | | |
|  | **字段名** | **中文名** | **类型** | **空值** | **默认值** | **字段描述及说明** |
|  | id | ID | int | 否 |  |  |
|  | user\_id | 用户id | varchar(50) |  |  |  |
|  | merchant\_id | 商户id | varchar (20) |  |  |  |
|  | flag | 状态 | varchar (8) |  |  | [1]、0-正常/1-停用 |
|  | create\_time | 创建时间 | timestamp |  |  |  |
|  | remark | 备注 | varchar (255) |  |  |  |
| 说明： | | | | | | |

### 商户送水工信息表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **表名** |  | | **表描述** | |  |
| tb\_busi\_merchant\_worker | |
|  | **主键** | id | | | | |
|  | **唯一索引** |  | | | | |
|  | **非唯一索引** |  | | | | |
|  | **字段名** | **中文名** | **类型** | **空值** | **默认值** | **字段描述及说明** |
|  | id | ID | int | 否 |  |  |
|  | user\_id | 用户id | varchar(50) |  |  |  |
|  | merchant\_id | 商户id | varchar (20) |  |  |  |
|  | flag | 状态 | varchar (8) |  |  | [1]、0-正常/1-停用 |
|  | create\_time | 创建时间 | timestamp |  |  |  |
|  | remark | 备注 | varchar (255) |  |  |  |
| 说明： | | | | | | |

### 商品信息表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **表名** |  | | **表描述** | |  |
| tb\_busi\_ goods | |
|  | **主键** | id | | | | |
|  | **唯一索引** |  | | | | |
|  | **非唯一索引** |  | | | | |
|  | **字段名** | **中文名** | **类型** | **空值** | **默认值** | **字段描述及说明** |
|  | id | ID | int | 否 |  |  |
|  | name | 名称 | varchar(50) |  |  |  |
|  | icon | 图标 | int |  |  |  |
|  | size | 规格 | varchar(20) |  |  |  |
|  | price | 价格 | int |  |  |  |
|  | sales | 销量 | int |  |  |  |
|  | promotion | 促销 | varchar(255) |  |  |  |
|  | ticket | 水票 | varchar(255) |  |  |  |
|  | details | 图文详情 | varchar(255) |  |  |  |
|  | flag | 状态 | varchar (8) |  |  | [1]、0-正常/1-停用 |
|  | create\_time | 创建时间 | timestamp |  |  |  |
|  | remark | 备注 | varchar (255) |  |  |  |
| 说明： | | | | | | |

### 订单信息表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **表名** |  | | **表描述** | |  |
| tb\_busi\_ order | |
|  | **主键** | id | | | | |
|  | **唯一索引** |  | | | | |
|  | **非唯一索引** |  | | | | |
|  | **字段名** | **中文名** | **类型** | **空值** | **默认值** | **字段描述及说明** |
|  | id | ID | int | 否 |  |  |
|  | no | 订单号 | varchar(50) |  |  |  |
|  | customer\_id | 名称 | varchar(50) |  |  |  |
|  | address\_id | 地址 | int |  |  |  |
|  | send\_time | 送货时间 | varchar(50) |  |  |  |
|  | merchant\_id | 商户 | int |  |  |  |
|  | goods\_id | 商品 | int |  |  |  |
|  | worker\_id | 送水工 | int |  |  |  |
|  | amount | 数量 | int |  |  |  |
|  | other | 其他需求 | varchar(255) |  |  |  |
|  | tip | 小费 | int |  |  |  |
|  | cion | 京币 | int |  |  |  |
|  | ticket | 水票 | int |  |  |  |
|  | get\_ticket | 购买水票数量 | int |  |  |  |
|  | payway | 支付方式 | varchar(8) |  |  |  |
|  | invoice | 发票 | varchar(8) |  |  |  |
|  | money | 合计金额 | int |  |  |  |
|  | flag | 状态 | varchar (8) |  |  | [1]、1-待支付/2-待接单/3-待派送/4-完成/5-已评价/0-取消 |
|  | create\_time | 创建时间 | timestamp |  |  |  |
|  | remark | 备注 | varchar (255) |  |  |  |
| 说明： | | | | | | |

### 订单流转信息表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **表名** |  | | **表描述** | |  |
| tb\_busi\_ order\_flow | |
|  | **主键** | id | | | | |
|  | **唯一索引** |  | | | | |
|  | **非唯一索引** |  | | | | |
|  | **字段名** | **中文名** | **类型** | **空值** | **默认值** | **字段描述及说明** |
|  | id | ID | int | 否 |  |  |
|  | order\_id | 订单id | varchar(50) |  |  |  |
|  | info | 信息 | varchar(255) |  |  |  |
|  | user\_id | 操作员 | int |  |  |  |
|  | flag | 状态 | varchar (8) |  |  | [1]、0-正常/1-停用 |
|  | create\_time | 创建时间 | timestamp |  |  |  |
|  | remark | 备注 | varchar (255) |  |  |  |
| 说明： | | | | | | |

### 附件表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **表名** | 附件表 | | **表描述** | |  |
| UTB\_FILE | |
|  | **主键** | Id | | | | |
|  | **唯一索引** |  | | | | |
|  | **非唯一索引** |  | | | | |
|  | **字段名** | **中文名** | **类型** | **空值** | **默认值** | **字段描述及说明** |
|  | id | ID | int | 否 |  |  |
|  | ip | 上传ip | varchar (20) | 否 |  |  |
|  | name | 原文件名 | varchar (100) | 否 |  |  |
|  | class | 后缀 | varchar (20) |  |  |  |
|  | img\_type | 图片类型 | varchar (100) |  |  |  |
|  | flag | 状态 | varchar (8) | 否 |  | [1]、0-正常/1-停用 |
|  | create\_time | 创建时间 | timestamp | 否 |  |  |
|  | operator\_id | 操作员 | int | 否 |  |  |
|  | remark | 备注 | varchar（255） |  |  |  |
| 说明： 所有上传的文件信息都保存到该表 | | | | | | |