**杜邦数据库文档说明**

**数据库名：DoPont**

|  |  |
| --- | --- |
| **整理人：** | **毛文君** |
| **时间：** | **2015-08-13** |
| **修改日期：** |  |

**备注：CreateTime做东八区的转换**

**待确认：**

**1、用户表是否有先锋币**

**答：经确认没有添加，已经在用户表中添加了对应的字段。**

**2、**

**待设计的表**

1. **需求响应表（每个发布需求表都做一个需求响应表[大农户,产业商]）（\*需求ID、\*响应者ID、\*响应时间、评价内容，评分）  
   答：已设计好相对应的“大农户需求响应表”和“产业商需求响应表”**
2. **先锋币来源历史表（包含的内容：（来源表、记录ID）、行为描述、时间、用户编号）  
   答：已设计好相对应的“先锋币来源历史表”**

**表名简要概述**

|  |  |
| --- | --- |
| **表名** | **说明** |
| **T\_BUSINESS\_DEMAND\_RESPONSE\_RELATION** | **产业商需求响应关联表** |
| **T\_BUSINESS\_PUBLISHED\_DEMAND** | **产业商已发布的需求表** |
| **T\_BUSINESS\_VERIFICATION\_INFO** | **产业商身份认证信息表** |
| **T\_FARMER\_DEMAND\_RESPONSE\_RELATION** | **大农户需求响应关联表** |
| **T\_FARMER\_PUBLISHED\_DEMAND** | **大农户已发布的需求表** |
| **T\_FARMER\_VERIFICATION\_INFO** | **大农户身份认证信息表** |
| **T\_FileInfo** | **文件信息表** |
| **T\_MACHINERY\_OPERATOR\_VERIFICATION\_INFO** | **农机手身份认证信息表** |
| **T\_MENU** | **菜单表** |
| **T\_MENU\_ROLE\_RELATION** | **菜单角色关联表** |
| **T\_PIONEERCURRENCYHISTORY** | **先锋币来源历史表** |
| **T\_ROLE** | **角色表** |
| **T\_SYS\_ADMIN** | **系统管理员表** |
| **T\_SYS\_DICTIONARY** | **系统字典表** |
| **T\_SYS\_SETTING** | **系统配置表** |
| **T\_USER** | **用户表** |
| **T\_USER\_ROLE\_RELATION** | **用户角色关联表** |
|  |  |

**表名：T\_BUSINESS\_DEMAND\_RESPONSE\_RELATION**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | bigint | 8 | 0 | 是 | 是 |  | 否 |  | 自增编号 |
| 2 | DemandId | bigint | 8 | 0 |  |  |  | 否 |  | 需求编号 |
| 3 | UserId | bigint | 8 | 0 |  |  |  | 否 |  | 响应者用户编号 |
| 4 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate | 响应时间 |
| 5 | Comments | varchar | 500 | 0 |  |  |  | 是 |  | 评论内容 |
| 6 | Score | int | 4 | 0 |  |  |  | 否 |  | 服务星级评分 |

**表名：T\_BUSINESS\_PUBLISHED\_DEMAND**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | bigint | 8 | 0 | 是 | 是 |  | 否 |  |  |
| 2 | DemandTypeId | int | 4 | 0 |  |  |  | 否 |  | 需求类型编号 |
| 3 | PublishStateId | int | 4 | 0 |  |  |  | 否 |  | 发布状态编号 |
| 4 | ExpectedDate | varchar | 500 | 0 |  |  |  | 否 |  | 期望的日期,多个日期以逗号隔开 |
| 5 | TimeSlot | varchar | 3 | 0 |  |  |  | 是 | 'ALL' | 时间段 说明: 可选值:AM/PM/ALL |
| 6 | ExpectedStartPrice | money | 8 | 4 |  |  |  | 是 |  | 期望的价格下限 |
| 7 | ExpectedEndPrice | money | 8 | 4 |  |  |  | 是 |  | 期望的价格上限 |
| 8 | AcquisitionWeightRangeTypeId | int | 4 | 0 |  |  |  | 否 |  | 收购区间类型编号 |
| 9 | FirstWeight | int | 4 | 0 |  |  |  | 否 |  | 起购重量 |
| 10 | Brief | nvarchar | 300 | 0 |  |  |  | 是 |  | 摘要 |
| 11 | Province | nvarchar | 50 | 0 |  |  |  | 否 |  | 省份 |
| 12 | City | nvarchar | 50 | 0 |  |  |  | 否 |  | 城市 |
| 13 | Region | nvarchar | 50 | 0 |  |  |  | 否 |  | 区县 |
| 14 | Township | nvarchar | 50 | 0 |  |  |  | 否 |  | 乡镇 |
| 15 | Village | nvarchar | 50 | 0 |  |  |  | 是 |  | 村 |
| 16 | DetailedAddress | nvarchar | 200 | 0 |  |  |  | 是 |  |  |
| 17 | CreateUserId | bigint | 8 | 0 |  |  |  | 否 |  | 创建者用户编号 |
| 18 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate | 创建时间 |
| 19 | ModifiedUserId | bigint | 8 | 0 |  |  |  | 是 |  | 最近一次修改者的用户编号 |
| 20 | DeletedUserId | bigint | 8 | 0 |  |  |  | 是 |  | 删除者的用户编号 |
| 21 | DeletedTime | datetime | 8 | 3 |  |  |  | 是 |  | 删除时间 |
| 22 | IsDeleted | bit | 1 | 0 |  |  |  | 否 | 0 | 0:正常 1:已删除 |
| 23 | ModifiedTime | datetime | 8 | 3 |  |  |  | 是 |  | 最近一次修改的时间 |

**表名：T\_BUSINESS\_VERIFICATION\_INFO**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | bigint | 8 | 0 | 是 | 是 |  | 否 |  | 自增编号 |
| 2 | UserId | bigint | 8 | 0 |  |  |  | 否 |  | 用户编号 |
| 3 | PurchaseType | nvarchar | 100 | 0 |  |  |  | 否 | N'收购类型' | 收购类型 |
| 4 | Introduction | nvarchar | 200 | 0 |  |  |  | 否 | N'身份描述' |  |
| 5 | PictureIds | varchar | 200 | 0 |  |  |  | 是 | '证明图片,图片Id以逗号隔开' | 图片编号，以逗号隔开 |
| 6 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate | 创建时间 |
| 7 | AuditUserId | bigint | 8 | 0 |  |  |  | 是 |  | 审核人用户编号 |
| 8 | AuditTime | datetime | 8 | 3 |  |  |  | 是 |  | 审核时间 |
| 9 | AuditState | int | 4 | 0 |  |  |  | 否 | 0 | 0:待审核 1:审核通过 2:审核未通过 |
| 10 | RejectReason | nvarchar | 500 | 0 |  |  |  | 是 |  | 未通过审核的原因 |

**表名：T\_FARMER\_DEMAND\_RESPONSE\_RELATION**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | bigint | 8 | 0 | 是 | 是 |  | 否 |  | 自增编号 |
| 2 | DemandId | bigint | 8 | 0 |  |  |  | 否 |  | 需求编号 |
| 3 | UserId | bigint | 8 | 0 |  |  |  | 否 |  | 响应者用户编号 |
| 4 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate | 响应时间 |
| 5 | Comments | varchar | 500 | 0 |  |  |  | 是 |  | 评论内容 |
| 6 | Score | int | 4 | 0 |  |  |  | 否 |  | 服务星级评分 |

**表名：T\_FARMER\_PUBLISHED\_DEMAND**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | bigint | 8 | 0 | 是 | 是 |  | 否 |  | 自增编号 |
| 2 | DemandTypeId | int | 4 | 0 |  |  |  | 否 |  | 需求类型编号 |
| 3 | PublishStateId | int | 4 | 0 |  |  |  | 否 |  | 发布状态编号 |
| 4 | CropId | int | 4 | 0 |  |  |  | 否 |  | 农作物编号 |
| 5 | VarietyId | int | 4 | 0 |  |  |  | 否 |  | 品种编号 |
| 6 | AcresId | int | 4 | 0 |  |  |  | 否 |  | 田地亩数区间编号 |
| 7 | Brief | nvarchar | 300 | 0 |  |  |  | 是 |  | 摘要 |
| 8 | ExpectedDate | varchar | 500 | 0 |  |  |  | 否 |  | 期望的日期 |
| 9 | TimeSlot | varchar | 3 | 0 |  |  |  | 是 | 'ALL' | 时间段 说明: 可选值:AM/PM/ALL |
| 10 | Province | nvarchar | 50 | 0 |  |  |  | 否 |  | 省份 |
| 11 | City | nvarchar | 50 | 0 |  |  |  | 否 |  | 城市 |
| 12 | Region | nvarchar | 50 | 0 |  |  |  | 否 |  | 区县 |
| 13 | Township | nvarchar | 50 | 0 |  |  |  | 否 |  | 乡镇 |
| 14 | Village | nvarchar | 50 | 0 |  |  |  | 是 |  | 村 |
| 15 | DetailedAddress | nvarchar | 200 | 0 |  |  |  | 是 |  | 详细地址 |
| 16 | ExpectedStartPrice | money | 8 | 4 |  |  |  | 是 |  | 期望的价格下限 |
| 17 | ExpectedEndPrice | money | 8 | 4 |  |  |  | 是 |  | 期望的价格上限 |
| 18 | CreateUserId | bigint | 8 | 0 |  |  |  | 否 |  | 创建者用户编号 |
| 19 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate | 创建时间 |
| 20 | ModifiedUserId | bigint | 8 | 0 |  |  |  | 是 |  | 最近一次修改者的用户编号 |
| 21 | DeletedUserId | bigint | 8 | 0 |  |  |  | 是 |  | 删除者的用户编号 |
| 22 | DeletedTime | datetime | 8 | 3 |  |  |  | 是 |  | 删除时间 |
| 23 | IsDeleted | bit | 1 | 0 |  |  |  | 否 | 0 | 0:正常 1:已删除 |
| 24 | ModifiedTime | datetime | 8 | 3 |  |  |  | 是 |  | 最近一次修改的时间 |

**表名：T\_FARMER\_VERIFICATION\_INFO**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | bigint | 8 | 0 | 是 | 是 |  | 否 |  | 自增编号 |
| 2 | UserId | bigint | 8 | 0 |  |  |  | 否 |  | 用户编号 |
| 3 | DupontOrderNumbers | varchar | 2000 | 0 |  |  |  | 是 |  | 先锋宝订单号 |
| 4 | PurchasedProducts | varchar | 1000 | 0 |  |  |  | 是 |  | 已购产品 |
| 5 | Land | int | 4 | 0 |  |  |  | 是 |  | 共有土地总亩数 |
| 6 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate | 创建时间 |
| 7 | AuditUserId | bigint | 8 | 0 |  |  |  | 是 |  | 审核人用户编号 |
| 8 | AuditTime | datetime | 8 | 3 |  |  |  | 是 |  | 审核时间 |
| 9 | AuditState | int | 4 | 0 |  |  |  | 否 | 0 | 0:待审核 1:审核通过 2:审核未通过 |
| 10 | RejectReason | nvarchar | 500 | 0 |  |  |  | 是 |  | 未通过审核的原因 |

**表名：T\_FileInfo**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | bigint | 8 | 0 | 是 | 是 |  | 否 |  |  |
| 2 | UserId | bigint | 8 | 0 |  |  |  | 否 |  |  |
| 3 | Path | nvarchar | 500 | 0 |  |  |  | 否 |  |  |
| 4 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate |  |

**表名：T\_MACHINERY\_OPERATOR\_VERIFICATION\_INFO**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | bigint | 8 | 0 | 是 | 是 |  | 否 |  | 自增编号 |
| 2 | UserId | bigint | 8 | 0 |  |  |  | 否 |  | 用户编号 |
| 3 | Machinery | varchar | 2000 | 0 |  |  |  | 是 |  | 拥有的农机信息,数据格式: 农机A:2|农机B:3$其它信息 |
| 4 | PicturesIds | varchar | 200 | 0 |  |  |  | 是 |  | 农机图片,图片id以逗号隔开 |
| 5 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate | 创建时间 |
| 6 | AuditUserId | bigint | 8 | 0 |  |  |  | 是 |  | 审核人用户编号 |
| 7 | AuditTime | datetime | 8 | 3 |  |  |  | 是 |  | 审核时间 |
| 8 | AuditState | int | 4 | 0 |  |  |  | 否 | 0 | 0:待审核 1:审核通过 2:审核未通过 |
| 9 | RejectReason | nvarchar | 500 | 0 |  |  |  | 是 |  | 未通过审核的原因 |

**表名：T\_MENU**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增编号 |
| 2 | MenuName | nvarchar | 20 | 0 |  |  |  | 否 |  | 菜单名称 |
| 3 | Visible | bit | 1 | 0 |  |  |  | 否 |  | 是否可见 |
| 4 | ParentId | int | 4 | 0 |  |  |  | 否 |  | 父级菜单编号 |
| 5 | Url | nvarchar | 100 | 0 |  |  |  | 是 |  | 跳转地址 |
| 6 | Order | int | 4 | 0 |  |  |  | 是 |  | 排序 |

**表名：T\_MENU\_ROLE\_RELATION**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | MenuId | int | 4 | 0 |  | 是 |  | 否 |  | 菜单编号 |
| 2 | RoleId | int | 4 | 0 |  | 是 |  | 否 |  | 角色编号 |
| 3 | AuditUserId | bigint | 8 | 0 |  |  |  | 否 |  | 授权人用户编号 |
| 4 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate | 创建时间 |

**表名：T\_PIONEERCURRENCYHISTORY**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | bigint | 8 | 0 | 是 | 是 |  | 否 |  | 自增编号 |
| 2 | Description | nvarchar | 50 | 0 |  |  |  | 否 |  | 描述信息(尽量详尽) |
| 3 | UserId | bigint | 8 | 0 |  |  |  | 否 |  | 受益人Id |
| 4 | AuditUserId | bigint | 8 | 0 |  |  |  | 是 |  | 审核人Id |
| 5 | CreateTime | datetime | 8 | 3 |  |  |  | 是 | getdate | 创建时间 |

**表名：T\_ROLE**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增编号 |
| 2 | RoleName | nvarchar | 50 | 0 |  |  |  | 否 |  | 角色名称 |

**表名：T\_SYS\_ADMIN**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | UserId | bigint | 8 | 0 |  | 是 |  | 否 |  | 用户编号 |
| 2 | IsSuper | nchar | 10 | 0 |  |  |  | 否 | 0 | 是否是超级管理员 |
| 3 | CreateUserId | bigint | 8 | 0 |  |  |  | 否 |  | 创建人用户编号 |
| 4 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate | 创建时间 |
| 5 | ModifiedUserId | bigint | 8 | 0 |  |  |  | 是 |  | 修改人用户编号 |
| 6 | ModifiedTime | datetime | 8 | 3 |  |  |  | 是 |  | 修改时间 |

**表名：T\_SYS\_DICTIONARY**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Code | int | 4 | 0 | 是 | 是 |  | 否 |  | 编号 |
| 2 | ParentCode | int | 4 | 0 |  |  |  | 否 |  | 父级编号 |
| 3 | DisplayName | nvarchar | 50 | 0 |  |  |  | 否 |  | 显示名称 |
| 4 | Order | int | 4 | 0 |  |  |  | 否 |  |  |

**表名：T\_SYS\_SETTING**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | ID | int | 4 | 0 | 是 | 是 |  | 否 |  |  |
| 2 | SETTING\_ID | nvarchar | 3 | 0 |  |  |  | 否 |  |  |
| 3 | SETTING\_VALUE | nvarchar | 255 | 0 |  |  |  | 否 |  |  |
| 4 | COMMENT | nvarchar | 255 | 0 |  |  |  | 否 |  |  |
| 5 | CREATE\_USER | int | 4 | 0 |  |  |  | 否 |  |  |
| 6 | CREATE\_DATE | datetime | 8 | 3 |  |  |  | 否 |  |  |
| 7 | UPDATE\_USER | int | 4 | 0 |  |  |  | 否 |  |  |
| 8 | UPDATE\_DATE | datetime | 8 | 3 |  |  |  | 否 |  |  |

**表名：T\_USER**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | bigint | 8 | 0 | 是 | 是 |  | 否 |  | 自增编号 |
| 2 | IsAdmin | bit | 1 | 0 |  |  |  | 否 | 0 | 是否是管理员 |
| 3 | PhoneNumber | varchar | 11 | 0 |  |  |  | 否 |  | 手机号码 |
| 4 | Password | varchar | 18 | 0 |  |  |  | 否 |  | 登录密码 |
| 5 | LoginToken | varchar | 200 | 0 |  |  |  | 是 |  | 登录识别码 |
| 6 | AvartarUrl | varchar | 300 | 0 |  |  |  | 是 |  | 用户头像地址 |
| 7 | UserName | nvarchar | 50 | 0 |  |  |  | 是 |  | 用户名 |
| 8 | Province | nvarchar | 50 | 0 |  |  |  | 是 |  | 省份 |
| 9 | City | nvarchar | 50 | 0 |  |  |  | 是 |  | 城市 |
| 10 | Region | nvarchar | 50 | 0 |  |  |  | 是 |  | 区县 |
| 11 | Township | nvarchar | 50 | 0 |  |  |  | 是 |  | 乡镇 |
| 12 | Village | nvarchar | 50 | 0 |  |  |  | 是 |  | 村 |
| 13 | DetailedAddress | nvarchar | 200 | 0 |  |  |  | 是 |  | 详细地址 |
| 14 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate | 注册时间 |
| 15 | ModifiedUserId | bigint | 8 | 0 |  |  |  | 是 |  | 最近一次修改者的用户编号 |
| 16 | DeletedUserId | bigint | 8 | 0 |  |  |  | 是 |  | 删除者用户的编号 |
| 17 | DeletedTime | datetime | 8 | 3 |  |  |  | 是 |  | 删除时间 |
| 18 | IsDeleted | bit | 1 | 0 |  |  |  | 否 | 0 | 0:正常 1:已删除 |
| 19 | ModifiedTime | datetime | 8 | 3 |  |  |  | 是 |  | 最近一次修改时间 |

**表名：T\_USER\_ROLE\_RELATION**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | UserID | bigint | 8 | 0 |  | 是 |  | 否 |  | 用户编号 |
| 2 | RoleID | int | 4 | 0 |  | 是 |  | 否 |  | 角色编号 |
| 3 | AuditUserId | bigint | 8 | 0 |  |  |  | 否 |  | 授权人用户编号 |
| 4 | CreateTime | datetime | 8 | 3 |  |  |  | 否 | getdate | 创建时间 |