

标案合同管理系统 contract

一、数据库设计

admin用户表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 类型 | 长度 | 键 | 注释 |
| admin\_id | varchar | 32 | 主键 | UUID |
| admin\_name | varchar | 50 |  | 用户姓名 |
| admin\_account | varchar | 50 |  | 用户账号 |
| admin\_password | varchar | 50 |  | 密码 |
| admin\_role | varchar | 50 | 外键-dictionary | 用户角色 |

dictionary\_type字典类别表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 类型 | 长度 | 键 | 注释 |
| type\_id | varchar | 32 | 主键 | UUID |
| type\_name | varchar | 50 |  | 字典类型名称 |
| type\_edit | tinyint | 1 |  | 能否编辑 |

|  |  |  |
| --- | --- | --- |
| ADMIN\_ROLE | 用户角色 | 0 |
| AGREEMENT\_TYPE | 合同类型 | 1 |
| AGREEMENT\_UPLOAD\_TYPE | 合同上传类型 | 0 |
| PRODUCT\_TYPE | 产品类型 | 1 |
| SHARE\_TYPE | 分享类型 | 0 |
| LOG\_TYPE | 日志类型 | 0 |

dictionary字典表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 类型 | 长度 | 键 | 注释 |
| dictionary\_id | varchar | 32 | 主键 | UUID |
| dictionary\_code | varchar | 32 |  | 字典项代码 |
| dictionary\_sort | int |  |  | 字典项排序 |
| dictionary\_name | varchar | 50 |  | 字典项名称 |
| dictionary\_type | varchar | 32 | 外键-dictionary\_type. type\_id | 字典类型 |
| dictionary\_father | varchar | 32 | 外键-dictionary.dictionary\_id | 字典父节点 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| admin\_role\_master | 1 | 1 | 超级管理员 | ADMIN\_ROLE |
| admin\_role\_normal | 2 | 2 | 普通管理员 | ADMIN\_ROLE |
| agreement\_type\_1 | 1 | 1 | 框架 | AGREEMENT\_TYPE |
| agreement\_type\_2 | 2 | 2 | 中标通知书 | AGREEMENT\_TYPE |
| agreement\_type\_3 | 3 | 3 | 订单 | AGREEMENT\_TYPE |
| agreement\_type\_4 | 4 | 4 | 验收证明 | AGREEMENT\_TYPE |
| agreement\_type\_5 | 5 | 5 | 其他 | AGREEMENT\_TYPE |
| agreement\_upload\_type\_admin | 1 | 1 | 管理员上传 | AGREEMENT\_UPLOAD\_TYPE |
| agreement\_upload\_type\_user | 2 | 2 | 用户上传 | AGREEMENT\_UPLOAD\_TYPE |
| product\_type\_1 | 1 | 1 | 台式机 | PRODUCT\_TYPE |
| product\_type\_2 | 2 | 2 | 笔记本 | PRODUCT\_TYPE |
| product\_type\_3 | 3 | 3 | 平板 | PRODUCT\_TYPE |
| product\_type\_4 | 4 | 4 | 打印机 | PRODUCT\_TYPE |
| product\_type\_5 | 5 | 5 | 工作站 | PRODUCT\_TYPE |
| product\_type\_6 | 6 | 6 | 显示器 | PRODUCT\_TYPE |
| product\_type\_7 | 7 | 7 | 其他 | PRODUCT\_TYPE |
| share\_type\_upload | 1 | 1 | 上传文件 | SHARE\_TYPE |
| share\_type\_download | 2 | 2 | 下载文件 | SHARE\_TYPE |
| log\_type\_login | 1 | 1 | 管理员登录 | LOG\_TYPE |
| log\_type\_share\_access | 2 | 2 | 进入分享页面 | LOG\_TYPE |
| log\_type\_share\_upload | 3 | 3 | 分享页面上传文件 | LOG\_TYPE |
| log\_type\_share\_download | 4 | 4 | 分享页面下载文件 | LOG\_TYPE |
| log\_type\_share\_add | 5 | 5 | 添加分享链接 | LOG\_TYPE |
| log\_type\_share\_update | 6 | 6 | 更新分享链接 | LOG\_TYPE |
| log\_type\_share\_delete | 7 | 7 | 删除分享链接 | LOG\_TYPE |
| log\_type\_agreement\_add | 8 | 8 | 添加合同 | LOG\_TYPE |
| log\_type\_agreement\_update | 9 | 9 | 修改合同 | LOG\_TYPE |
| log\_type\_agreement\_delete | 10 | 10 | 删除合同 | LOG\_TYPE |

power\_role 权限角色表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 类型 | 长度 | 键 | 注释 |
| power\_role\_id | varchar | 32 | 主键 | UUID |
| power\_id | varchar | 32 |  | 权限 |
| role\_id | varchar | 32 | 外键-dictionary.dictionary\_id | 角色 |

power 权限表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 类型 | 长度 | 键 | 注释 |
| power\_id | varchar | 32 | 主键 | UUID |
| power\_name | varchar | 20 |  | 权限名称 |
| power\_router | varchar | 60 |  | 权限路由 |
| power\_level | int |  |  | 级别 |
| power\_father | varchar | 32 |  | 父权限 |

agreement 合同表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 类型 | 长度 | 键 | 注释 |
| agreement\_id | varchar | 32 | 主键 | UUID |
| agreement\_name | varchar | 100 |  | 合同名称 |
| agreement\_type | varchar | 32 | 外键-dictionary.dictionary\_id | 合同类型 |
| agreement\_innovation | tinyint | 1 |  | 是否信创 |
| agreement\_client | varchar | 50 |  | 客户名称 |
| agreement\_amount | varchar | 50 |  | 总金额 |
| agreement\_sign\_date | datetime |  |  | 签约日期 |
| agreement\_provider | varchar | 50 |  | 提供者 |
| agreement\_text | text |  |  | 备注 |
| agreement\_upload\_type | varchar | 32 | 外键-dictionary.dictionary\_id | 上传类型 |
| agreement\_upload\_admin | varchar | 100 | 当upload\_type=admin时  外键-admin.admin\_id | 上传人 |
| agreement\_upload\_date | datetime |  |  | 上传时间 |
| agreement\_delete | tinyint | 1 |  | 是否删除 |
| agreement\_extend | varchar | 32 |  | 文件扩展名 |

agreement\_product

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 类型 | 长度 | 键 | 注释 |
| product\_id | varchar | 32 | 主键 | UUID |
| product\_agreement | varchar | 32 | 外键agreement- agreement\_id | 所属合同 |
| product\_type | varchar | 32 | 外键-dictionary.dictionary\_id | 产品类型 |
| product\_model | varchar | 100 |  | 产品型号 |
| product\_number | varchar | 100 |  | 产品数量 |

share 分享表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 类型 | 长度 | 键 | 注释 |
| share\_id | varchar | 32 | 主键 | UUID |
| share\_admin | varchar | 32 | 外键-admin.admin\_id | 分享人 |
| share\_type | varchar | 32 | 外键-dictionary.dictionary\_id | 分享类型 |
| share\_begin\_date | datetime |  |  | 分享开始时间 |
| share\_end\_date | datetime |  |  | 分享结束时间 |
| share\_has\_password | tinyint | 1 |  | 是否密码保护 |
| share\_password | varchar | 50 |  | 密码 |
| share\_delete | tinyint | 1 |  | 是否删除 |

share\_agreement

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 类型 | 长度 | 键 | 注释 |
| share\_agreement\_id | varchar | 32 | 主键 | UUID |
| share\_id | varchar | 32 | 外键- share.share\_id | 所属分享 |
| agreement\_id | varchar | 32 | 外键- agreement.agreement\_id | 分享开始时间 |

二、功能模块设计

管理员

1.用户管理

2.字典管理

3.日志管理

4.合同管理

5.分享管理

用户

1.分享查看

2合同上传