Projects

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | ProjectName | nvarchar(50) | 项目名 |
| 4 | Picture | nvarchar(500) | 项目封面图 |
| 5 | Description | Nvarchar(50) | 项目描述 |
| 6 | OwnerID | Int | 项目拥有者ID |
| 7 | OwnedDT | Datetime | 拥有时间 |
| 8 | IsArchied | Bit | 是否归档 |
| 9 | IsFinished | Bit | 是否完成 |
|  |  |  |  |
|  |  |  |  |
| 10 | TaskNums | Int | 项目列表数 |
| 11 | TotalItemNums | Int | 总任务列表数 |
|  |  |  |  |
| 12 | FinishedItemNums | Int | 完成任务数 |
| 13 | MemberNums | Int | 项目成员数 |
|  |  |  |  |
| 14 | Validation | Nvarchar | 允许加入、需要申请（所有者或管理员同意）、私有项目 |
| 15 | CDT | datetime | 创建时间 |
| 16 | IsEqualProject | bit | 是否平等项目 |
| 17 | Jurisdiction | bit | 管辖权？ |

Members

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| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | UserID | INT | 用户id |
| 3 | MemoName | nvarchar(50) | 备注名字 |
| 3 | ProjectID | INT | 项目id |
| 4 | IsStarProject | Bit | 是否星标项目 |
| 5 | RoleID | INT | 用户权限id |
| 6 | RoleName | Nvarchar | 权限名Owner、Admin、Member |
| 7 | Source | Nvarchar | 邀请Invitation、申请Application |
| 8 | RefID | Int | 参考ID、申请或邀请的ID |
| 9 | CDT | Datetime | 加入项目日期时间 |

\* 申请加入，由Admin/Owner批准；只有Admin/Owner邀请加入。

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Tasks

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| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | ProjectID | INT | 项目id |
| 3 | ListName | nvarchar(50) | 任务列表名 |
| 4 | Orders | smallint | 任务列表排序 |
| 5 | TotalItemNums | smallint | 任务总项目数 |
| 6 | FinishedItemNums | smallint | 任务完成项目数 |

TaskItems

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | TaskItemName | nvarchar(50) | 所属任务名 |
| 3 | TaskListID | INT | 所属任务列表id |
| 4 | ExecutorID | INT | 执行者id |
| 5 | Priority | INT | 紧急程度（0普通1紧急2非常紧急） |
| 6 | ItemNotes | nvarchar(50) | 任务备注 |
| 7 | BeginDT | Datetime | 开始时间 |
| 8 | EndDT | Datetime | 截止时间 |
| 9 | FinshDT | Datetime | 完成时间 |
| 9 | LikeNums | INT | 点赞数 |
| 9 | ChatNums | INT | 评论数 |
| 10 | LinkNums | INT | 链接数 |
| 11 | SubItemNums | INT | 子任务数 |
| 12 | IsArchived | Bit | 是否归档 |
| 13 | IsFinished | Bit | 是否完成 |
| 14 | Orders | smallint | 任务排序 |
| 15 | CDT | Datetime | 创建任务时间 |

TaskItem\_Users

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | TaskItemID | INT | 任务项id |
| 3 | UserID | INT | 用户id |
| 5 | IsExecutor | BIT | 是否为任务项的执行者 |

TaskSubItems

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | TaskItemID | INT | 父任务项id |
| 3 | ExecutorID | INT | 执行者id |
| 4 | SubItemName | nvarchar(50) | 子任务项名 |
| 5 | BeginDT | Datetime | 开始时间 |
| 6 | EndDT | Datetime | 截止时间 |
| 7 | CDT | Datetime | 创建子任务项时间 |

TaskItemComments

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | TaskItemID | INT | 任务id |
| 3 | CreatorID | INT | 用户id |
| 4 | Comments | Ntext | 群聊内容 |
| 5 | CDT | Datetime | 发送时间 |

Link

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | Table1 | nvachar(50) | 关联表1 |
| 3 | Table1ID | INT | 关联表1ID |
| 4 | Table2 | nvachar(50) | 关联表2 |
| 5 | Table2ID | INT | 关联表2ID |

Folders

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| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | ProjectID | int | 项目ID |
| 3 | CreatorID | int | 创建人ID |
| 4 | FolderName | Nvarchar(50) | 文件名 |
| 5 | IsAchived | BIt | 是否归档 |
| 6 | CDT | Datetime | 创建时间 |
| 7 | ParentID | int | 父文件夹ID |
| 8 | FolderSIzeInKB | int | 文件夹大小 |
| 9 | SubFolderNum | int | 文件夹数 |
| 10 | FileNum | int | 文件数 |

File

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | ResourceName | Nvachar(50) |  |
| 3 | FileName | Nvarchar(50) |  |
| 4 | FilePath | Nvarchar(50) |  |
| 5 | FileSieInKB | int |  |
| 6 | FileType | Nvarchar(50) |  |
| 7 | Extension | Nvarchar(50) |  |
| 8 | FolderID | int |  |
| 9 | CreatorID | Int | 创建人ID |
| 10 | CDT | Datetime |  |
| 11 | Valid | Bit | 有效性 |
| 12 | ParentFolderID | Int | 父文件夹ID |
| 13 | LinkNumber | Int | 关联数量 |
| 14 | DownLoadNumber | Int | 下载数量 |

ActionLog

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | BIGINT | PK Identity |
| 2 | LogContent | text | 日志内容 |
| 3 | CDT | Datetime |  |
| 4 | CreatorID | Bigint |  |
| 5 | CreatorName | Nvarchar(50) |  |
| 6 | ProjectID | Int | 项目ID |
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ProjectLog

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| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | Title | Nvarchar(50) |  |
| 3 | Content | ntext |  |
| 4 | CDT | datetime |  |
| 5 | LDT | Datetime |  |
| 6 | Valid | Bit | 是否有效 |
| 7 | IsFinished | Bit | 是否完成 |
| 8 | ReviewTimes | Int | 预览数 |
| 9 | LikeNums | Int | 点赞数 |
| 10 |  |  |  |

Users

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | Email | nvarchar(200) | 邮箱 |
| 3 | Password | nvarchar(50) | 密码 |
| 4 | UserName | nvarchar(50) | 用户名 |
| 5 | Avatar | nvarchar(500) | 头像地址 |
| 6 | Telephone | nvarchar(50) | 电话号码 |
| 7 | WeChat | nvarchar(50) | 微信 |
|  |  |  |  |
|  |  |  |  |
| 10 | PersonalSign | ntext | 个性签名 |
|  |  |  |  |
| 14 | RegisterDT | datetime | 注册时间 |
| 15 | Valid？ | Bit | 是否激活 |
| 16 | CongealDT？ | Datetime | 激活日期时间 |
| 17 | LastLoginDT | datetime | 最后登录时间 |
|  |  |  |  |
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|  |  |  |  |
|  |  |  |  |
|  | GUID | nvarchar(64) | ？？ |
|  | PersonQRCode | Int | ？？ |
|  | PersonID | nvarchar(50) | ？？ |

Roles

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | RoleID | Int | 权限ID？ |
| 3 | RoleName | nvarchar(50) | 权限名 |
| 4 | Description | nvarchar(500) | 权限描述 |

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Application

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| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | ProjectID | INT | 项目id |
| 3 | ApplicantID | Int | 申请人ID |
| 4 | ApplicationDT | Datetime | 申请日期时间 |
| 5 | OfficerID | Int | 受理人ID |
| 6 | ResultDT | Datetime | 受理日期 |
| 7 | Result | bit | 同意、拒绝 |
| 8 | Reasons | nvarchar(50) | 拒绝的理由 |

TemplateType

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | Name | nvarchar(50) | 模板类型名 |

Templates

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | TemplateTypeID | INT | 模板类型id |
| 3 | UserID | INT | 创建模板用户id |
| 4 | Name | nvarchar(50) | 模板项目名 |
| 5 | CoverImage | nvarchar(50) | 模板封面图 |
| 6 | Description | nvarchar(500) | 模板描述 |
|  |  |  |  |
| 8 | RandomID | INT | 创建时要用的 |

TemplateTasks

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | TemplateID | INT | 所属模板id |
| 3 | Name | nvarchar(50) | 模板任务列表名 |

Priority（优先级表）

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | Priority | nvarchar(50) | 优先级 |
| 3 | Description | nvarchar(50) | 描述 |

Remind（信息表）

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | TypeID | INT | 优先级 |
| 3 | FromID | INT | 发送者 |
| 4 | ToID | INT | 接受者 |
| 5 | SendTime | Datetime | 发送时间 |
| 6 | ToTime | datetime | 到达时间 |
| 7 | Comment | ntext | 评论 |
| 8 | IsRead | Bit | 是否阅读 |

ProjectComment

|  |  |  |  |
| --- | --- | --- | --- |
| 序 | 字段 | 数据类型 | 说明 |
| 1 | ID | INT | PK Identity |
| 2 | ProjectID | INT | 任务id |
| 3 | CreatorID | INT | 用户id |
| 4 | Comments | Ntext | 群聊内容 |
| 5 | CDT | Datetime | 发送时间 |