Idea数据字典

修订日期 2017/7/15

可空数据则标示可空，否则不标示

重复性 默认为可重复

用户表 （User）

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 用户Id | char(36) | 主 |  |  |  |  |
| UserName | 用户名 | Char(10) |  |  |  |  |  |
| Account | 账号 | Char(20) |  |  |  | 教师则为工号 学生则为学号 | 不可重 |
| PassWord | 密码 | Char(20) |  |  |  |  |  |
| Identity | 身份 | bit |  |  |  | 1为教师  0为学生  2为团队用户 |  |
| Score | 分值 | Int(5) |  |  |  |  |  |
| Img | 照片 | Char(32) |  | 可空 |  |  |  |
| Sex | 性别 | Bit |  |  |  | 0为女  1为男 |  |
| Email | 邮箱 | Emailfield |  |  |  |  | 不可重 |
| Phone | 联系电话 | Char(10) |  | 可空 |  |  | 不可重 |
| RegistTime | 注册时间 | DateTtime |  |  |  |  |  |
| Institude | 学院 | Char(20) |  | 可空 |  |  |  |
| Major | 专业 | Char(20) |  | 可空 |  | 老师无专业 |  |
| School | 学校 | Char(20) |  | 可空 |  |  |  |
| Introduction | 介绍 | Text |  |  |  |  |  |

项目标签表（ProjectLabel）

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 项目标签ID | Autofield | 主 |  |  |  |  |
| ProjectLabelName | 项目标签名称 | Char(10) |  |  |  |  | 不可重 |
| IsUse | 是否可用 | BoolField |  |  |  |  | True 为可用（默认） ，False为不可用 |
| project | 项目 |  | 外 |  |  |  |  |

用户标签表（UserLabel）

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 个人标签ID | AutoField | 主 |  |  |  |  |
| projecct | 项目标签ID | Autofield | 外 |  | ProjectLabel |  |  |
| Name | 个人标签名称 | Char(10) |  |  |  |  |  |
| IsUse | 是否可用 | Bool |  |  |  |  | True为可用（默认）  False为不可用 |

用户—个人标签表（UserLabel）

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| UserLabelId | 用户个人标签ID | Char(10) | 主 |  |  | 用户Id +标签Id |  |
| user | 用户Id | Char(10) | 外 |  | User |  |  |
| UserLabel | 个人标签ID | AutoField | 外 |  | PersonLabel |  |  |
|  |  |  |  |  |  |  |  |

项目—项目标签表（User2UserLablel）

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| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 项目项目标签ID | Char(10) | 主 |  |  | 项目Id +项目标签Id |  |
| project | 项目Id | char(36) | 外 |  |  |  |  |
| projectLabel | 项目标签ID | AutoField | 外 |  | ProjectLabel |  |  |
|  |  |  |  |  |  |  |  |

项目表(Project)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 项目Id | char(3) | 主 |  |  |  |  |
| ProjectName | 项目名称 | Char(20) |  |  |  |  | 不可重 |
| StartTime | 开始时间 | dateTime |  |  |  |  |  |
| EndTime | 结束时间 | dateTime |  |  |  |  |  |
| Description | 描述 | Text | 2 |  |  | 项目描述 |  |
| Number | 人数 | Int(3) |  |  |  |  |  |
| State | 状态 | Int(1) |  |  |  | 0招募中  1正在进行  2 补招  3 已完成 |  |
| Img | 照片 | char(32) |  |  |  |  |  |
| Summary | 总结 | Text |  |  |  |  |  |
| Progress | 进度描述 | Text |  |  |  |  |  |

项目-项目标签表（Project2ProjectLabel）

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 分值表Id | **AutoField** | **主** |  |  |  |  |
| project | 项目 |  | **外** |  |  |  |  |
| projectLabel | 项目标签表 | **Char** |  |  |  |  |  |

项目—成员表(ProjectUser)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 项目成员Id | **AutoField** | **主** |  |  |  |  |
| user | 用户Id | char(36) | **外** |  | **User** |  |  |
| project | 项目Id | Autofield | **外** |  | **Project** |  |  |
| Identity | 身份 | Int(1) |  |  |  | **0 发起人**  **1 指导教师**  **2 参与者**  **3 淘汰者**  **4 主动退出** |  |
| Evaluation | 评价 | Text |  |  |  |  |  |

招募帖(Recruit)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 招募贴Id | **AutoField** | **主** |  |  |  |  |
| project | 项目Id | **AutoField** | **外** |  | **项目表** |  |  |
| StartTime | 开始时间 | **dateTime** |  |  |  |  |  |
| EndTime | 结束时间 | **dateTIme** |  |  |  |  |  |
| Description | 描述 | **Text** |  |  |  |  |  |
| State | 状态 | **Bit** |  |  |  | **招募帖是否关闭** |  |
| Times | 次数 | **Int(2)** |  |  |  |  |  |
| PredictNumber | 预计招募人数 | **Int(5)** |  |  |  |  |  |
| RecruitedNumber | 已招募人数 | **Int(5)** |  |  |  |  |  |

申请表(Apply)(个人中心，项目看法，近期表现)(三封为上限)(推荐分享)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 申请表Id | **AutoField** | **主** |  |  |  |  |
| recruit | 招募贴Id | **AutoField** | **外** |  | **招募贴表** |  |  |
| user | 用户Id | **AutoField** | **外** |  | **用户表** |  |  |
| Describe | 描述 | **Text** |  |  |  |  |  |
| State | 状态 | **Bit** |  |  |  | 0 未读  1已读  2 拒绝  3接受 |  |
| SendTime | 发出时间 | **DateTime** |  |  |  |  |  |

创意表 （Creation）

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 创意表Id | **AutoField** | **主** |  |  |  |  |
| Name | 创意名称 | **Char(30)** |  |  |  |  |  |
| Description | 描述 | **Text** |  |  |  |  |  |
| user | 用户Id | **AutoField** | **外** |  | **User** |  |  |
| Date | 发布时间 | **Datetime** |  |  |  |  |  |
| IsUse | 是否可用 | **Bool** |  |  |  |  |  |
| projectLabel | 项目标签 | **AutoField** | **外** |  | **ProjectLabel** |  |  |
| Img | 照片 | **Char(32)** |  |  |  |  |  |

创意-项目标签表 （Creation2ProjectLabel）

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 创意表Id | **AutoField** | **主** |  |  |  |  |
| creation | 创意表 | **Char(30)** | **外** |  |  |  |  |
| projectLabel | 描述 | **Text** | **外** |  |  |  |  |

分值表（Score）

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 分值表Id | **AutoField** | **主** |  |  |  |  |
| Level | 分值等级 | **Char(30)** |  |  |  |  |  |
| Value | 分值 | **Text** |  |  |  |  |  |

分值变动记录表（ScoreChange）

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 分值表Id | **AutoField** | **主** |  |  |  |  |
| user | 用户 | **Char(30)** | **外** |  |  |  |  |
| Event | 事件 | **Char** |  |  |  |  |  |
| Date | 变动日期 | **Date** |  |  |  |  |  |
| score | 分值表 |  | **外** |  |  |  |  |

举报表（Report）

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 分值表Id | **AutoField** | **主** |  |  |  |  |
| user | 用户表 |  | **外** |  |  |  |  |
| project | 项目表 |  | **外** |  |  |  |  |
| creation | 创意表 |  | **外** |  |  |  |  |
| comment | 评论表 |  | **外** |  |  |  |  |
| ReportDate | 举报日期 |  |  |  |  |  |  |
| DealTime | 处理日期 | **Date** |  |  |  |  |  |
| score | 分值表 |  | **外** |  |  |  |  |
| State | 处理状态 | **Int** |  |  |  |  |  |

评论表（Comment）

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 分值表Id | **AutoField** | **主** |  |  |  |  |
| user | 分值等级 |  | **外** |  |  |  |  |
| creation | 事件 |  | **外** |  |  |  |  |
| project | 项目表 |  | **外** |  |  |  |  |
| Date | 评论日期 | **Date** |  |  |  |  |  |
| Content | 评论内容 | **Text** |  |  |  |  |  |
| IsUse | 是否可用 | **Bool** |  |  |  | **True 可用（默认）False 不可用** |  |

关注表（Follow）

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 分值表Id | **AutoField** | **主** |  |  |  |  |
| user | 关注用户 |  | **外** |  |  |  |  |
| project | 项目表 |  | **外** |  |  |  |  |
| creation | 创意表 |  | **外** |  |  |  |  |
| Follower | 被关注用户 |  | **外** |  |  |  |  |

消息表（Message）

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 分值表Id | **AutoField** | **主** |  |  |  |  |
| user | 分值等级 | **Char(30)** | **外** |  |  |  |  |
| Priority | 优先级 | **Int** |  |  |  |  |  |
| Date | 消息日期 | **Date** |  |  |  |  |  |
| Type | 消息分类 | **Int** |  |  |  |  |  |
| IsRead |  | **Bool** |  |  |  | **默认False未读，True已读** |  |
| Content | 消息内容 | **Text** |  |  |  |  |  |

点赞表（Praise）

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **字段名** | **名称** | **类型** | **键** | **可空** | **外键主表** | **备注** | **重复性** |
| Id | 分值表Id | **AutoField** | **主** |  |  |  |  |
| user | 关注用户 |  | **外** |  |  |  |  |
| project | 项目表 |  | **外** |  |  |  |  |
| creation | 创意表 |  | **外** |  |  |  |  |