**龙德数据库字典表**

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修改历史

|  |  |  |  |
| --- | --- | --- | --- |
| 日期 | 版本 | 作者 | 修改内容 |
| 2020-04-17 | v1.0 | 杜智建 | 在角色表中增加了状态字段 |
| 2020-04-20 | v1.0 | 杜智建 | 增加了如下的表:  1.ld\_lecturer\_educationa 讲师教务表  2.ld\_student 学员表  3.ld\_student\_enrolment 学员报名表  4.ld\_admin\_operate\_log 后台操作日志表 |
| 2020-04-22 | v1.0 | 杜智建 | 增加了如下的表:  5.ld\_question\_subject 题库科目表  6.ld\_question\_bank 题库表  7.ld\_question\_chapters 题库章节表  8.ld\_question\_papers 题库试卷表  9.ld\_question\_exam 题库试题表  10.ld\_question\_papers\_exam 题库试卷试题表 |
| 2020-04-23 | v1.0 | 杜智建 | 增加了如下信息：  1.ld\_question\_exam\_option 题库试题选项表  2.ld\_question\_papers表中增加了四个字段如下  signle\_score 单选题每题得分  more\_score 多选题每题得分  judge\_score 判断题每题得分  options\_score 不定项选择题每题得分  3.ld\_question\_chapters，ld\_question\_exam，  ld\_question\_papers，ld\_question\_subject四个表中增加了bank\_id题库id字段 |
| 2020-04-25 | v1.0 | 杜智建 | 增加了如下信息：  ld\_student表中增加了family\_phone，office\_phone，contact\_people，contact\_phone |

1) ld\_lecturer\_educationa 讲师教务表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 讲师id | int | 11 | **√** | **√** | ✘ | NULL |
| admin\_id | 操作员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| school\_id | 网校id | int | 11 | ✘ | ✘ | ✘ | 0 |
| head\_icon | 头像 | varchar | 255 | ✘ | ✘ | ✘ |  |
| phone | 手机号 | char | 11 | ✘ | ✘ | ✘ |  |
| real\_name | 讲师姓名 | varchar | 255 | ✘ | ✘ | ✘ |  |
| sex | 性别(1男,0代表女) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| qq | qq号 | varchar | 255 | ✘ | ✘ | ✘ |  |
| wechat | 微信号 | varchar | 255 | ✘ | ✘ | ✘ |  |
| parent\_id | 学科大分类 | int | 11 | ✘ | ✘ | ✘ | 0 |
| child\_id | 学科二级分类 | int | 11 | ✘ | ✘ | ✘ | 0 |
| describe | 描述 | text |  | ✘ | ✘ | **√** |  |
| content | 详情 | text |  | ✘ | ✘ | **√** |  |
| number | 开课数量 | int | 11 | ✘ | ✘ | ✘ | 0 |
| is\_del | 是否删除(1代表删除,0代表正常) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| is\_forbid | 是否禁用(1代表禁用,0代表启用) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| is\_recommend | 是否推荐(1代表推荐,0代表不推荐) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| type | 老师类型(1代表教务,0代表讲师) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |
| update\_at | 更新时间 | datetime |  | ✘ | ✘ | ✘ |  |

2) ld\_student 学员表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 学员id | int | 11 | **√** | **√** | ✘ | NULL |
| admin\_id | 操作员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| school\_id | 分校id | int | 11 | ✘ | ✘ | ✘ | 0 |
| phone | 手机号 | char | 11 | ✘ | ✘ | ✘ |  |
| real\_name | 姓名 | varchar | 255 | ✘ | ✘ | ✘ |  |
| sex | 性别(1男,0代表女) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| papers\_type | 证件类型(1代表身份证,2代表护照,3代表港澳通行证,4代表台胞证,5代表军官证,6代表士官证,7代表其他) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| papers\_num | 证件号码 | varchar | 255 | ✘ | ✘ | ✘ |  |
| birthday | 出生日期 | date |  | ✘ | ✘ | ✘ |  |
| address\_locus | 户口所在地 | varchar | 255 | ✘ | ✘ | ✘ |  |
| age | 年龄 | int | 11 | ✘ | ✘ | **√** | 0 |
| educational | 学历(1代表小学,2代表初中,3代表高中,4代表大专,5代表大本,6代表研究生,7代表博士生,8代表博士后及以上) | tinyint | 1 | ✘ | ✘ | **√** | 0 |
| family\_phone | 家庭电话号 | varchar | 60 | ✘ | ✘ | ✘ |  |
| office\_phone | 办公电话 | varchar | 60 | ✘ | ✘ | ✘ |  |
| contact\_people | 紧急联系人 | varchar | 60 | ✘ | ✘ | ✘ |  |
| contact\_phone | 紧急联系电话 | varchar | 60 | ✘ | ✘ | ✘ |  |
| email | 邮箱 | varchar | 60 | ✘ | ✘ | ✘ |  |
| qq | qq号码 | varchar | 30 | ✘ | ✘ | ✘ |  |
| wechat | 微信号 | varchar | 30 | ✘ | ✘ | ✘ |  |
| address | 住址 | varchar | 255 | ✘ | ✘ | ✘ |  |
| remark | 备注 | text |  | ✘ | ✘ | ✘ |  |
| is\_forbid | 账号状态(1代表禁用,0代表启用) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| enroll\_status | 报名状态(1代表已报名,0代表未报名) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| state\_status | 开课状态(0代表均未开课,1代表部分未开课,2代表全部开课) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| reg\_source | 注册来源(0代表官网注册,1代表手机端,2代表线下录入) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |
| update\_at | 更新时间 | datetime |  | ✘ | ✘ | ✘ |  |

3) ld\_student\_enrolment 学员报名表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 学员报名id | int | 11 | **√** | **√** | ✘ | NULL |
| admin\_id | 操作员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| student\_id | 学员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| parent\_id | 学科分类id | int | 11 | ✘ | ✘ | ✘ | 0 |
| lession\_id | 课程id | int | 11 | ✘ | ✘ | ✘ | 0 |
| lession\_price | 课程原价 | decimal | (10,2) | ✘ | ✘ | ✘ | 0 |
| student\_price | 学员价格 | decimal | (10,2) | ✘ | ✘ | ✘ | 0 |
| payment\_type | 付款类型(1代表定金,2代表尾款,3代表最后一次尾款,4代表全款) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| payment\_method | 付款方式(1代表微信,2代表支付宝,3代表银行转账) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| payment\_fee | 付款金额 | decimal | (10,2) | ✘ | ✘ | ✘ | 0 |
| payment\_time | 付款时间 | datetime |  | ✘ | ✘ | ✘ |  |
| status | 报名状态(1代表手动报名,0代表自动报名) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |
| update\_at | 更新时间 | datetime |  | ✘ | ✘ | ✘ |  |

4) ld\_admin\_operate\_log 后台操作日志表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 自增id | int | 11 | **√** | **√** | ✘ | NULL |
| admin\_id | 操作员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| module\_name | 模块名称 | varchar | 255 | ✘ | ✘ | ✘ |  |
| route\_url | 路由路径 | varchar | 255 | ✘ | ✘ | ✘ |  |
| operate\_method | 操作方式(  insert  update  delete  ) | varchar | 10 | ✘ | ✘ | ✘ |  |
| content | 备注(增加或者更改或者删除了哪些内容) | text |  | ✘ | ✘ | ✘ |  |
| ip | ip地址 | varchar | 60 | ✘ | ✘ | ✘ |  |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |

5) ld\_question\_subject 题库科目表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 自增id | int | 11 | **√** | **√** | ✘ | NULL |
| admin\_id | 操作员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| bank\_id | 题库id | int | 11 | ✘ | ✘ | ✘ | 0 |
| subject\_name | 科目名称 | varchar | 255 | ✘ | ✘ | ✘ |  |
| is\_del | 是否删除(1代表删除,0代表正常) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |
| update\_at | 更新时间 | datetime |  | ✘ | ✘ | ✘ |  |

6) ld\_question\_bank 题库表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 自增id | int | 11 | **√** | **√** | ✘ | NULL |
| admin\_id | 操作员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| topic\_name | 题库名称 | varchar | 255 | ✘ | ✘ | ✘ |  |
| subject\_id | 题库科目id | varchar | 255 | ✘ | ✘ | ✘ |  |
| parent\_id | 学科一级分类 | int | 11 | ✘ | ✘ | ✘ | 0 |
| child\_id | 学科二级分类 | int | 11 | ✘ | ✘ | ✘ | 0 |
| describe | 描述 | text |  | ✘ | ✘ | **√** |  |
| is\_del | 是否删除(1代表删除,0代表正常) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| is\_open | 开启状态(1代表关闭,0代表启用) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |
| update\_at | 更新时间 | datetime |  | ✘ | ✘ | ✘ |  |

7) ld\_question\_chapters 题库章节表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 自增id | int | 11 | **√** | **√** | ✘ | NULL |
| parent\_id | 父级id | int | 11 | ✘ | ✘ | ✘ | 0 |
| admin\_id | 操作员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| subject\_id | 科目id | int | 11 | ✘ | ✘ | ✘ | 0 |
| bank\_id | 题库id | int | 11 | ✘ | ✘ | ✘ | 0 |
| name | 名称 | varchar | 255 | ✘ | ✘ | ✘ |  |
| type | 类型(  0代表章  1代表节  2代表考点) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| is\_del | 是否删除(1代表删除,0代表正常) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |
| update\_at | 更新时间 | datetime |  | ✘ | ✘ | ✘ |  |

8) ld\_question\_papers 题库试卷表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 自增id | int | 11 | **√** | **√** | ✘ | NULL |
| admin\_id | 操作员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| subject\_id | 科目id | int | 11 | ✘ | ✘ | ✘ | 0 |
| bank\_id | 题库id | int | 11 | ✘ | ✘ | ✘ | 0 |
| papers\_name | 试卷名称 | varchar | 255 | ✘ | ✘ | ✘ |  |
| diffculty | 试题难度(1代表真题,2代表模拟题,3代表其他) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| papers\_time | 答题时间 | int | 11 | ✘ | ✘ | ✘ | 0 |
| area | 所属区域 | int | 11 | ✘ | ✘ | ✘ | 0 |
| cover\_img | 封面图片 | varchar | 255 | ✘ | ✘ | ✘ |  |
| content | 简介 | text |  | ✘ | ✘ | ✘ |  |
| type | 试题类型(  1代表单选题  2代表多选题  3代表不定项  4代表判断题  ) | varchar | 10 | ✘ | ✘ | ✘ |  |
| signle\_score | 单选题每题得分 | int | 11 | ✘ | ✘ | ✘ | 0 |
| more\_score | 多选题每题得分 | int | 11 | ✘ | ✘ | ✘ | 0 |
| judge\_score | 判断题每题得分 | int | 11 | ✘ | ✘ | ✘ | 0 |
| options\_score | 不定项选择题每题得分 | int | 11 | ✘ | ✘ | ✘ | 0 |
| is\_del | 是否删除(1代表删除,0代表正常) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| is\_publish | 是否发布(1代表发布,0代表未发布) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |
| update\_at | 更新时间 | datetime |  | ✘ | ✘ | ✘ |  |

9) ld\_question\_exam 题库试题表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 自增id | int | 11 | **√** | **√** | ✘ | NULL |
| admin\_id | 操作员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| subject\_id | 科目id | int | 11 | ✘ | ✘ | ✘ | 0 |
| exam\_name | 试题名称 | varchar | 255 | ✘ | ✘ | ✘ |  |
| answer\_id | 正确答案 | varchar | 255 | ✘ | ✘ | ✘ |  |
| bank\_id | 题库id | int | 11 | ✘ | ✘ | ✘ | 0 |
| text\_analysis | 文字解析 | text |  | ✘ | ✘ | ✘ |  |
| audio\_analysis | 音频解析 | varchar | 255 | ✘ | ✘ | ✘ |  |
| video\_analysis | 视频解析 | varchar | 255 | ✘ | ✘ | ✘ |  |
| chapter\_id | 章id | int | 11 | ✘ | ✘ | ✘ | 0 |
| joint\_id | 节id | int | 11 | ✘ | ✘ | ✘ | 0 |
| point\_id | 考点id | int | 11 | ✘ | ✘ | ✘ | 0 |
| type | 试题类型(  1代表单选题  2代表多选题  3代表不定项  4代表判断题  ) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| item\_diffculty | 试题难度(1代表简单,2代表一般,3代表困难) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| is\_del | 是否删除(1代表删除,0代表正常) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| is\_publish | 是否发布(1代表发布,0代表未发布) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |
| update\_at | 更新时间 | datetime |  | ✘ | ✘ | ✘ |  |

10) ld\_question\_exam\_option 题库试题选项表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 自增id | int | 11 | **√** | **√** | ✘ | NULL |
| admin\_id | 操作员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| exam\_id | 试题id | int | 11 | ✘ | ✘ | ✘ | 0 |
| option\_name | 选项名称 | varchar | 255 | ✘ | ✘ | ✘ |  |
| is\_true | 是否设为正确选项(  1代表是  0代表否  ) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| is\_del | 是否删除(1代表删除,0代表正常) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |
| update\_at | 更新时间 | datetime |  | ✘ | ✘ | ✘ |  |

11) ld\_question\_papers\_exam 题库试卷试题表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 自增id | int | 11 | **√** | **√** | ✘ | NULL |
| admin\_id | 操作员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| subject\_id | 科目id | int | 11 | ✘ | ✘ | ✘ | 0 |
| papers\_id | 试卷id | int | 11 | ✘ | ✘ | ✘ | 0 |
| exam\_id | 试题id | int | 11 | ✘ | ✘ | ✘ | 0 |
| type | 试题类型(  1代表单选题  2代表多选题  3代表不定项  4代表判断题  ) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| is\_del | 是否删除(1代表删除,0代表正常) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |
| update\_at | 更新时间 | datetime |  | ✘ | ✘ | ✘ |  |

12) ld\_student\_do\_title 学员做题记录表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 说明 | 数据类型 | 长度 | 自增 | 主键 | 允许空 | 默认值 |
| id | 自增id | int | 11 | **√** | **√** | ✘ | NULL |
| student\_id | 学员id | int | 11 | ✘ | ✘ | ✘ | 0 |
| bank\_id | 题库id | int | 11 | ✘ | ✘ | ✘ | 0 |
| papers\_id | 试卷id | int | 11 | ✘ | ✘ | ✘ | 0 |
| exam\_id | 试题id | int | 11 | ✘ | ✘ | ✘ | 0 |
| answer | 对方答案 | varchar | 20 | ✘ | ✘ | ✘ |  |
| is\_right | 对错类型(1代表正确,0代表错误) | tinyint | 1 | ✘ | ✘ | ✘ | 0 |
| create\_at | 创建时间 | datetime |  | ✘ | ✘ | ✘ |  |