校园网盘数据库设计

数据库名：netdisk

用户表：user

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 字段 | 类型 | 长度 | 是否为空 | 键 | 是否自增 | 备注 |
| user\_id | int | 11 | not null | primary | 是 | 用户表id |
| username | char | 20 | not null |  |  | 用户名 |
| password | char | 20 | not null |  |  | 密码 |
| registertime | datetime |  | not null |  |  | 注册时间 |

个人信息表：person

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 字段 | 类型 | 长度 | 是否为空 | 键 | 是否自增 | 备注 |
| person\_id | int | 11 | not null | primary | 是 | 个人信息id，对应user\_id |
| name | char | 20 | null |  |  | 真实姓名 |
| email | char | 50 | null |  |  | 电子邮件 |
| phone | char | 20 | null |  |  | 手机号码 |
| introduction | char | 200 | null |  |  | 个人简介 |
| picture | char | 50 | null |  |  | 头像 |
| createtime | datetime |  | null |  |  | 创建时间 |

文件目录表：directory

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 字段 | 类型 | 长度 | 是否为空 | 键 | 是否自增 | 备注 |
| directory\_id | int | 11 | not null | primary | 是 | 目录Id |
| name | char | 50 | null |  |  | 目录名 |
| parent\_id | int | 11 | null |  |  | 父目录id |
| person\_id | int(Person) | 11 | not null |  |  | 外键对应person表 |
| createtime | datetime |  |  |  |  | 创建时间 |

上传文件表：upload

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 字段 | 类型 | 长度 | 是否为空 | 键 | 是否自增 | 备注 |
| upload\_id | int | 11 | not null | primary | 是 | 上传文件的id |
| name | char | 50 | null |  |  | 文件名 |
| size | long |  | default 0 |  |  | 文件大小 |
| type | char | 50 | not null |  |  | 文件类型 |
| path | char | 50 | not null |  |  | 存放路径 |
| person\_id | int(Person) | 11 | not null |  |  | 外键，对应person表 |
| createtime | datetime |  | not null |  |  | 创建时间 |
| directory\_id | int(Directory) | 11 |  |  |  | 目录表 |
|  |  |  |  |  |  |  |

文件分享表：share

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 字段 | 类型 | 长度 | 是否为空 | 键 | 是否自增 | 备注 |
| share\_id | int | 11 | not null | primary | 是 | 分享表Id |
| upload\_id | int(Upload) | 11 | null |  |  | 外键，对应upload表 |
| person \_id | int(Person) | 11 | null |  |  | 外键，对应person表 |
| code | char | 50 | null |  |  | 分享码 |
| createtime | datetime |  |  |  |  | 创建时间 |