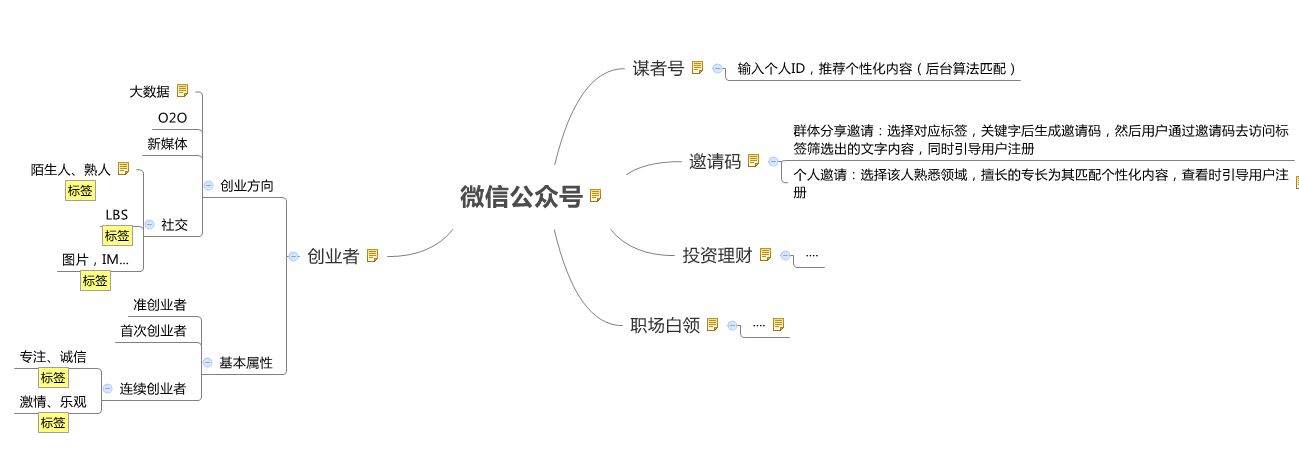
****

**在对“创业方向” 和“基本属性”这块我是这样想的， 直接设置标签，然后根据这些属性的标签在去筛选对应的文章内容；这样配置灵活些，如果后续哪天我们需要在社交里面添加一些新的标签，直接修改下就好，我们也不需要在添加一个子类**

**下面是我根据微信这块功能 整理的一些表结构，大家帮看下是否合理**

**表名： users**

用户主表

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增ID |
| 2 | group\_id | int | 4 | 0 |  |  |  | 是 |  | 用户组ID |
| 3 | user\_name | nvarchar | 100 | 0 |  |  |  | 否 |  | 用户名 |
| 4 | salt | nvarchar | 20 | 0 |  |  |  | 是 |  | 6位随机字符串,加密用到 |
| 5 | password | nvarchar | 100 | 0 |  |  |  | 否 |  | 用户密码 |
| 6 | mobile | nvarchar | 20 | 0 |  |  |  | 是 | '' | 手机号码 |
| 7 | email | nvarchar | 50 | 0 |  |  |  | 是 | '' | 电子邮箱 |
| 8 | avatar | nvarchar | 255 | 0 |  |  |  | 是 | '' | 用户头像 |
| 9 | nick\_name | nvarchar | 100 | 0 |  |  |  | 是 | '' | 用户昵称 |
| 10 | sex | nvarchar | 20 | 0 |  |  |  | 是 | '' | 性别 |
| 11 | birthday | datetime | 8 | 3 |  |  |  | 是 |  | 出生日期 |
| 12 | telphone | nvarchar | 50 | 0 |  |  |  | 是 | '' | 电话 |
| 13 | area | nvarchar | 255 | 0 |  |  |  | 是 | '' | 所属地区逗号分隔 |
| 14 | address | nvarchar | 255 | 0 |  |  |  | 是 | '' | 详情地址 |
| 15 | qq | nvarchar | 20 | 0 |  |  |  | 是 | '' | QQ号码 |
| 16 | wechat | nvarchar | 50 | 0 |  |  |  | 是 | '' | 微信号 |
| 17 | weibo | nvarchar | 50 | 0 |  |  |  | 是 | '' | Sina微博 |
| 18 | amount | decimal | 5 | 2 |  |  |  | 是 | 0 | 账户余额 |
| 19 | point | int | 4 | 0 |  |  |  | 是 | 0 | 账户积分 |
| 20 | exp | int | 4 | 0 |  |  |  | 是 | 0 | 升级经验值 |
| 21 | status | tinyint | 1 | 0 |  |  |  | 是 | 0 | 账户状态,0正常,1待验证,2待审核,-1锁定 |
| 22 | reg\_time | datetime | 8 | 3 |  |  |  | 是 | getdate | 注册时间 |
| 23 | reg\_ip | nvarchar | 20 | 0 |  |  |  | 是 |  | 注册IP |

**表名：user\_tag**

用户标签关联表(前提是对应标签 已存在)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增ID |
| 2 | user\_id | int | 4 | 0 |  |  |  | 否 | 0 | 用户ID |
| 3 | tag\_id | int | 4 | 0 |  |  |  | 否 | 0 | 标签ID |

**表名： user\_code**

用户邀请码/随机码表

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增ID |
| 2 | user\_id | int | 4 | 0 |  |  |  | 是 |  | 用户ID |
| 3 | user\_name | nvarchar | 100 | 0 |  |  |  | 是 |  | 用户名 |
| 4 | type | nvarchar | 20 | 0 |  |  |  | 是 |  | 生成码类别 password取回密码,register邀请注册 |
| 5 | str\_code | nvarchar | 255 | 0 |  |  |  | 是 |  | 生成的字符串邀请码 |
| 6 | tags | nvarchar | 255 | 0 |  |  |  | 是 | ‘’ | 标签ID,逗号隔开（针对邀请码） |
| 7 | count | int | 4 | 0 |  |  |  | 是 | 0 | 使用次数 |
| 8 | status | tinyint | 1 | 0 |  |  |  | 是 | 0 | 状态0未使用1已使用 |
| 9 | user\_ip | nvarchar | 20 | 0 |  |  |  | 是 |  | 用户IP |
| 10 | eff\_time | datetime | 8 | 3 |  |  |  | 否 |  | 有效时间 |
| 11 | add\_time | datetime | 8 | 3 |  |  |  | 否 | getdate | 生成时间 |

**表名： user\_groups**

会员组别

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增ID |
| 2 | title | nvarchar | 100 | 0 |  |  |  | 是 | '' | 组别名称 |
| 3 | grade | int | 4 | 0 |  |  |  | 是 | 0 | 会员等级值 |
| 5 | amount | decimal | 5 | 2 |  |  |  | 是 | 0 | 默认预存款 |
| 6 | point | int | 4 | 0 |  |  |  | 是 | 0 | 默认积分 |
| 7 | is\_default | tinyint | 1 | 0 |  |  |  | 是 | 0 | 是否注册用户组 |
| 8 | upgrade\_exp | int | 4 | 0 |  |  |  | 是 | 0 | 升级经验值 |
| 9 | is\_upgrade | tinyint | 1 | 0 |  |  |  | 是 | 1 | 是否自动升级 |
| 10 | is\_lock | tinyint | 1 | 0 |  |  |  | 是 | 0 | 是否禁用 |

**表名： user\_login\_log**

会员登录日志表

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增ID |
| 2 | user\_id | int | 4 | 0 |  |  |  | 是 |  | 用户ID |
| 3 | user\_name | nvarchar | 100 | 0 |  |  |  | 是 | '' | 用户名 |
| 4 | remark | nvarchar | 255 | 0 |  |  |  | 是 | '' | 备注说明 |
| 5 | login\_time | datetime | 8 | 3 |  |  |  | 是 | getdate | 登录时间 |
| 6 | login\_ip | nvarchar | 50 | 0 |  |  |  | 是 | '' | 登录IP |

**表名： user\_point\_log**

会员积分日志表

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增ID |
| 2 | user\_id | int | 4 | 0 |  |  |  | 是 |  | 用户ID |
| 3 | user\_name | nvarchar | 100 | 0 |  |  |  | 是 |  | 用户名 |
| 4 | value | int | 4 | 0 |  |  |  | 是 |  | 增减积分 |
| 5 | remark | nvarchar | 500 | 0 |  |  |  | 是 |  | 备注说明 |
| 6 | add\_time | datetime | 8 | 3 |  |  |  | 是 | getdate | 时间 |

**表名：article**

文章表

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增ID |
| 2 | category\_id | int | 4 | 0 |  |  |  | 否 | 0 | 类别ID |
| 3 | title | nvarchar | 100 | 0 |  |  |  | 是 |  | 标题 |
| 4 | img\_url | nvarchar | 255 | 0 |  |  |  | 是 | '' | 图片地址 |
| 5 | seo\_title | nvarchar | 255 | 0 |  |  |  | 是 | '' | SEO标题 |
| 6 | seo\_keywords | nvarchar | 255 | 0 |  |  |  | 是 | '' | SEO关健字 |
| 7 | seo\_description | nvarchar | 255 | 0 |  |  |  | 是 | '' | SEO描述 |
| 8 | zhaiyao | nvarchar | 255 | 0 |  |  |  | 是 | '' | 内容摘要 |
| 9 | content | ntext | 16 | 0 |  |  |  | 是 |  | 详细内容 |
| 10 | sort\_id | int | 4 | 0 |  |  |  | 是 | 99 | 排序 |
| 11 | click | int | 4 | 0 |  |  |  | 是 | 0 | 浏览次数 |
| 12 | status | tinyint | 1 | 0 |  |  |  | 是 | 0 | 状态0正常1未审核2锁定 |
| 13 | is\_top | tinyint | 1 | 0 |  |  |  | 是 | 0 | 是否置顶 |
| 14 | is\_red | tinyint | 1 | 0 |  |  |  | 是 | 0 | 是否推荐 |
| 15 | is\_hot | tinyint | 1 | 0 |  |  |  | 是 | 0 | 是否热门 |
| 16 | is\_sys | tinyint | 1 | 0 |  |  |  | 是 | 0 | 是否管理员发布0不是1是 |
| 17 | user\_id | int | 4 | 0 |  |  |  | 是 |  | 发布用户ID |
| 18 | add\_time | datetime | 8 | 3 |  |  |  | 是 | getdate | 创建时间 |
| 19 | update\_time | datetime | 8 | 3 |  |  |  | 是 |  | 修改时间 |

**表名：article\_category**

文章分类表

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增ID |
| 2 | title | nvarchar | 100 | 0 |  |  |  | 是 |  | 类别标题 |
| 3 | parent\_id | int | 4 | 0 |  |  |  | 是 | 0 | 父类别ID |
| 4 | class\_list | nvarchar | 500 | 0 |  |  |  | 是 |  | 类别ID列表(逗号分隔开) |
| 5 | class\_layer | int | 4 | 0 |  |  |  | 是 | 0 | 类别深度 |
| 6 | tag\_list | nvarchar | 500 | 0 |  |  |  | 是 |  | 标签ID列表(逗号分隔开) |
| 7 | sort\_id | int | 4 | 0 |  |  |  | 是 | 99 | 排序数字 |
| 8 | remark | ntext | 16 | 0 |  |  |  | 是 |  | 备注说明 |

**表名：article\_tag**

文章标签关联表

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增ID |
| 2 | article\_id | int | 4 | 0 |  |  |  | 否 | 0 | 文章ID |
| 3 | tag\_id | int | 4 | 0 |  |  |  | 否 | 0 | 标签ID |

**表名：tag**

标签

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | id | int | 4 | 0 | 是 | 是 |  | 否 |  | 自增ID |
| 2 | name | nvarchar | 100 | 0 |  |  |  | 否 |  | 标签名称 |
| 3 | hits | int | 4 | 0 |  |  |  | 否 | 0 | 当前Tag的引用个数 |
| 4 | add\_time | datetime | 8 | 3 |  |  |  | 否 | getdate | 添加时间 |