# 功能需求

### 总体需求

1. 普通用户/VIP用户的注册、登录
2. 用户个人信息管理（包括个人信息添加修改删除，密码修改等操作）
3. 搜索功能（根据用户自己的需求搜索他们想要关注的用户，可增加搜索条件）
4. 处理功能（建立好友关系、拉黑、免打扰模式、虚拟道具赠送）
5. 查看功能（查看好友列表、好友信息、来访信息、状态、邮件、个人主页、日志、照片、交友活动等等）
6. 聊天功能（发邮件、语音、即时消息）
7. 匹配功能（会员匹配、网站匹配）
8. 地图定位
9. 关注（让对面知道或者偷偷关注）

10）简洁的界面

## 功能结构图

* 1. 用户注册

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 功能点名称 | 用户注册功能 | | 功能点编号 | P1.1 |
| 主要参与者 | 游客 | | | |
| 功能点 [Describes the major functionality of the feature] | | | | |
| 注册后才可以获得在网页上操作的权限； | | | | |
| 前置条件/触发条件 [List the events that trigger this function/feature] | | | | |
| 游客登录网站的用户注册页面 | | | | |
| 输入 [List the input data to this function / feature. ] | | | | |
| 昵称，性别，年龄，身高，学校，地区，密码，注册方式 | | | | |
| 过程流描述 / 工作流描述 [Describe all steps / process flow of the function/features in a logical sequence] | | | | |
| 编号 # | | 流程描述 | | |
| 1 | | 大学生通过主页进入用户注册页面  大学生通过填写规定的注册信息，按注册按钮完成注册； | | |
| 校验[Describe the validations required in the function / feature] | | | | |
| 编号 # | | 验证描述 | | |
| 2 | | 根据输入情况判定是否注册通过 | | |
| 输出[List the names of all reports that are generated from this function/feature] | | | | |
| 提醒该用户注册成功 | | | | |
|  | | | | |

**1.2 用户登录**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 功能点名称 | 用户登录功能 | | 功能点编号 | P1.2 |
| 主要参与者 | 注册会员 | | | |
| 功能点 [Describes the major functionality of the feature] | | | | |
| 用户登录后才可以正常使用各项其它功能； | | | | |
| 前置条件/触发条件 [List the events that trigger this function/feature] | | | | |
| 登录网站的用户登录页面 | | | | |
| 输入 [List the input data to this function / feature. ] | | | | |
| 账号，密码 | | | | |
| 过程流描述 / 工作流描述 [Describe all steps / process flow of the function/features in a logical sequence] | | | | |
| 编号 # | | 流程描述 | | |
| 1 | | 学生通过主页进入用户登录页面  学生通过填写正确用户名和密码完成登录； | | |
|  | |  | | |
| 校验[Describe the validations required in the function / feature] | | | | |
| 编号 # | | 验证描述 | | |
| 2 | | 根据输入判断是否存在该用户，以及密码是否填写正确 | | |
| 输出[List the names of all reports that are generated from this function/feature] | | | | |
| 用户登录成功提示，直接跳转到用户个人首页 | | | | |
|  | | | | |

**2 用户个人信息管理**

1.详细资料补充或修改

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 功能点名称 | 个人详细资料补充修改 | | 功能点编号 | P2.1 |
| 主要参与者 | 注册会员 | | | |
| 功能点 [Describes the major functionality of the feature] | | | | |
| 用户可以添加更改个人资料 | | | | |
| 前置条件/触发条件 [List the events that trigger this function/feature] | | | | |
| 会员登录成功 | | | | |
| 输入 [List the input data to this function / feature. ] | | | | |
| 会员对其所需要补充或修改的资料信息 | | | | |
| 过程流描述 / 工作流描述 [Describe all steps / process flow of the function/features in a logical sequence] | | | | |
| 编号 # | | 流程描述 | | |
| 1 | | 1 注册会员登录成功 | | |
| 2 | | 2 进入个人主页，找到个人资料页面 | | |
| 3 | | 3 填好或者修改资料提交 | | |
| 校验[Describe the validations required in the function / feature] | | | | |
| 编号 # | | 验证描述 | | |
| 4 | | 对会员提交的资料进行格式等验证，错误返回提示信息 | | |
| 输出[List the names of all reports that are generated from this function/feature] | | | | |
| 提示更改成功 | | | | |
| 处理能力 [Mention the volume of transaction that need to be handled by this function/feature] | | | | |
| 系统更新会员个人详细信息 | | | | |

2.密码修改

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 功能点名称 | 密码修改 | | 功能点编号 | P2.2 |
| 主要参与者 | 注册会员 | | | |
| 功能点 [Describes the major functionality of the feature] | | | | |
| 用户可以修改账号登录密码 | | | | |
| 前置条件/触发条件 [List the events that trigger this function/feature] | | | | |
| 会员登录成功 | | | | |
| 输入 [List the input data to this function / feature. ] | | | | |
| 会员输入其所想要修改的心目中的安全密码 | | | | |
| 过程流描述 / 工作流描述 [Describe all steps / process flow of the function/features in a logical sequence] | | | | |
| 编号 # | | 流程描述 | | |
| 1 | | 1 注册会员登录成功 | | |
| 2 | | 2 进入个人主页，找到密码修改页面 | | |
| 3 | | 3 填好提交 | | |
| 校验[Describe the validations required in the function / feature] | | | | |
| 编号 # | | 验证描述 | | |
| 4 | | 对会员提交的密码和确认密码进行验证 | | |
| 输出[List the names of all reports that are generated from this function/feature] | | | | |
| 修改成功提示信息 | | | | |
| 处理能力 [Mention the volume of transaction that need to be handled by this function/feature] | | | | |
| 系统更新会员密码信息 | | | | |

**3 搜索功能**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 功能点名称 | 搜索用户 | | 功能点编号 | P3 |
| 主要参与者 | 注册会员 | | | |
| 功能点 [Describes the major functionality of the feature] | | | | |
| 搜索用户（可添加搜索条件） | | | | |
| 前置条件/触发条件 [List the events that trigger this function/feature] | | | | |
| 会员登录成功 | | | | |
| 输入 [List the input data to this function / feature. ] | | | | |
| 点击搜索按钮 | | | | |
| 过程流描述 / 工作流描述 [Describe all steps / process flow of the function/features in a logical sequence] | | | | |
| 编号 # | | 流程描述 | | |
| 1 | | 1 注册会员登录成功 | | |
| 2 | | 2 进入个人主页，点击搜索按钮（添加搜索条件），开始搜索 | | |
| 3 | | 3 返回搜索结果 | | |
| 校验[Describe the validations required in the function / feature] | | | | |
| 编号 # | | 验证描述 | | |
| 4 | | 搜索条件符合系统给出的选择 | | |
| 输出[List the names of all reports that are generated from this function/feature] | | | | |
| 搜索到的用户昵称和头像 | | | | |
| 处理能力 [Mention the volume of transaction that need to be handled by this function/feature] | | | | |
| 如果未找到符合条件用户，提醒会员重新选择条件 | | | | |

**4 处理功能**

4.1 添加好友

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 功能点名称 | 添加好友 | | 功能点编号 | P4 |
| 主要参与者 | 注册会员 | | | |
| 功能点 [Describes the major functionality of the feature] | | | | |
| 添加搜索到达用户 | | | | |
| 前置条件/触发条件 [List the events that trigger this function/feature] | | | | |
| 返回搜索结果 | | | | |
| 输入 [List the input data to this function / feature. ] | | | | |
| 选择添加好友按钮 | | | | |
| 过程流描述 / 工作流描述 [Describe all steps / process flow of the function/features in a logical sequence] | | | | |
| 编号 # | | 流程描述 | | |
| 1 | | 1 搜索符合条件用户 | | |
| 2 | | 2 返回用户的列表 | | |
| 3 | | 3 选择想要添加的用户添加 | | |
| 输出[List the names of all reports that are generated from this function/feature] | | | | |
| 添加好友请求已发送 | | | | |

4.2 拉黑

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 功能点名称 | 拉黑操作 | | 功能点编号 | 4.2 |
| 主要参与者 | 注册会员 | | | |
| 功能点 [Describes the major functionality of the feature] | | | | |
| 选择好友或不想继续接收消息的对象进行拉黑 | | | | |
| 前置条件/触发条件 [List the events that trigger this function/feature] | | | | |
| 会员登录成功 | | | | |
| 输入 [List the input data to this function / feature. ] | | | | |
| 选择拉黑按钮 | | | | |
| 过程流描述 / 工作流描述 [Describe all steps / process flow of the function/features in a logical sequence] | | | | |
| 编号 # | | 流程描述 | | |
| 1 | | 1 注册会员登录成功 | | |
| 2 | | 2 进入个人主页，找到好友列表，或用户昵称 | | |
| 3 | | 3 拉黑用户 | | |
| 输出[List the names of all reports that are generated from this function/feature] | | | | |
| 提示拉黑成功，您将不会收到他的任何信息 | | | | |

4.3 在线状态设定

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 功能点名称 | 在线状态设定 | | 功能点编号 | 4.3 |
| 主要参与者 | 注册会员 | | | |
| 功能点 [Describes the major functionality of the feature] | | | | |
| 进行个人状态设定（在线，隐身等） | | | | |
| 前置条件/触发条件 [List the events that trigger this function/feature] | | | | |
| 会员登录成功 | | | | |
| 输入 [List the input data to this function / feature. ] | | | | |
| 选择状态按钮 | | | | |
| 过程流描述 / 工作流描述 [Describe all steps / process flow of the function/features in a logical sequence] | | | | |
| 编号 # | | 流程描述 | | |
| 1 | | 1 注册会员登录成功 | | |
| 2 | | 2 进入个人主页，找到个人状态按钮 | | |
| 3 | | 3 设定个人状态 | | |
| 输出[List the names of all reports that are generated from this function/feature] | | | | |
| 个人状态设置成功 | | | | |

4.4

虚拟道具赠送

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 功能点名称 | 虚拟道具赠送 | | 功能点编号 | 4.4 |
| 主要参与者 | 注册会员 | | | |
| 功能点 [Describes the major functionality of the feature] | | | | |
| 赠送好友虚拟道具（VIP特权） | | | | |
| 前置条件/触发条件 [List the events that trigger this function/feature] | | | | |
| 会员登录成功 | | | | |
| 输入 [List the input data to this function / feature. ] | | | | |
| 选择赠送道具按钮 | | | | |
| 过程流描述 / 工作流描述 [Describe all steps / process flow of the function/features in a logical sequence] | | | | |
| 编号 # | | 流程描述 | | |
| 1 | | 1 注册会员登录成功 | | |
| 2 | | 2 进入个人主页，选择赠送道具按钮 | | |
| 3 | | 3 赠送道具 | | |
| 校验[Describe the validations required in the function / feature] | | | | |
| 编号 # | | 验证描述 | | |
| 4 | | 验证用户是否拥有该道具 | | |
| 输出[List the names of all reports that are generated from this function/feature] | | | | |
| 赠送道具成功 | | | | |

**5 查看功能**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 功能点名称 | 查看功能 | | 功能点编号 | 5 |
| 主要参与者 | 注册会员 | | | |
| 功能点 [Describes the major functionality of the feature] | | | | |
| 查看各种信息 | | | | |
| 前置条件/触发条件 [List the events that trigger this function/feature] | | | | |
| 会员登录成功 | | | | |
| 输入 [List the input data to this function / feature. ] | | | | |
| 会员点击先要查看的信息 | | | | |
| 过程流描述 / 工作流描述 [Describe all steps / process flow of the function/features in a logical sequence] | | | | |
| 编号 # | | 流程描述 | | |
| 1 | | 1 注册会员登录成功 | | |
| 2 | | 2 进入个人主页，选择想要查看的信息 | | |
| 3 | | 3 点击确定 | | |
| 输出[List the names of all reports that are generated from this function/feature] | | | | |
| 查到的结果 | | | | |
| 处理能力 [Mention the volume of transaction that need to be handled by this function/feature] | | | | |
| 系统内部调用用户查询的信息并显示 | | | | |