中大微吧**后台API**

**Log:**

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| **Version** | **Revised by** | **Date** | **Details** |
| **0.1** | **黄勇进** | **16/5/25** | **登录注册** |
| **0.2** | **黄勇进** | **16/6/2** | **首页、发帖、看帖、回复、盖楼** |
| **0.3** | **黄勇进** | **16/6/21** | **侧边栏功能** |
| **0.4** | **黄勇进** | **16/7/3** | **调整之前api的命名** |

**主机地址 ：119.29.178.68**

**端口号 : 8080**

**URL example:**

**http:// 119.29.178.68:8080/sysu-micro-bar/account/doLogin**

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**---------------------------------------PART ONE: 账号管理 -----------------------------------------------------------**

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| **Background** | 用户进行登录操作 |
| **URL** | Post **/sysu-micro-bar**/account/doLogin |
| **Require(json)** | Data = {  “stuNo”: string， 用户的学号  “password”: string 未经MD5加密的明文密码(理论上前端加密后传到后台会更好，这里是为了方便后台测试= =)  }  例如: {'password': '13331098', 'stuNo' : '13331098'} |
| **Response(json)** | Data = {  “loginStatus”: boolean 登录操作是否成功  “accountId”: int 该用户在数据库表中的唯一标识，仅在登录成功后才有效  “message”: String 登录操作的结果相关信息  }  例如: "{\"accountId\":6,\"loginStatus\":true,\"message\":\"登录成功\"}" |
| **Extra** | true代表操作成功，false代表失败。前端缓存用户id. |

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| **Background** | 用户进行注册操作 |
| **URL** | Post **/sysu-micro-bar**/account/doRegister |
| **Require(json)** | Data = {  “stuNo”: string， 用户的学号  “password”: string 未经MD5加密的明文密码(理论上前端加密后传到后台会更好，这里是为了方便后台测试= =)  “nickname”: string 用户昵称  }  例如: {"nickname":"黄勇进","password":"13331098","stuNo":"13331098"} |
| **Response(json)** | Data = {  “registerStatus”: boolean 注册操作是否成功  “accountId”: int 该用户在数据库表中的唯一标识，仅在注册成功后才有效  “message”: String 注册操作的结果相关信息  }  例如: "{\"accountId\":6,\"message\":\"学号已经被注册\",\"registerStatus\":false}" |
| **Extra** | true代表注册成功，false代表失败。提示密码错误，前端缓存用户id. |

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**---------------------------------------PART TWO:帖子的查看与搜索------------------------------------------------**

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| **Background** | 首页数据，一次读取最多30条数据 |
| **URL** | Post **/sysu-micro-bar**/getPostList |
| **Require(post)** | @RequestParam("currentPostNum") int currentPostNum |
| **Response(json)** | Data =[ {  “commentNum”: boolean 评论人数  “createTime”: String 创建时间  “postId”: int 帖子唯一标识  “tag”: String 标签  “title”: String 标题  }]  例如: [{"commentNum":1,"createTime":"刚刚","postId":2,"tag":"学习","title":"没有男朋友是一种怎样的体验"},{"commentNum":2,"createTime":"刚刚","postId":1,"tag":"学习","title":"没有女朋友是一种怎样的体验"},{"commentNum":0,"createTime":"刚刚","postId":3,"tag":"情感","title":"哈哈哈的体验"}] |
| **Extra** |  |

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| **Background** | 根据标题关键字和标签搜索帖子(底层数据库使用模糊查询，任何一个参数为空都可以查询结果)，显示最多30条数据 |
| **URL** | Post **/sysu-micro-bar**/searchPostList |
| **Require(POST)** | @RequestParam("title") String title  @RequestParam("tag") int tag |
| **Response(json)** | Data =[ {  “commentNum”: boolean 评论人数  “createTime”: String 创建时间  “postId”: int 帖子唯一标识  “tag”: String 标签  “title”: String 标题  }]  例如: [{"commentNum":1,"createTime":"刚刚","postId":2,"tag":"学习","title":"没有男朋友是一种怎样的体验"},{"commentNum":2,"createTime":"刚刚","postId":1,"tag":"学习","title":"没有女朋友是一种怎样的体验"},{"commentNum":0,"createTime":"刚刚","postId":3,"tag":"情感","title":"哈哈哈的体验"}] |
| **Extra** |  |

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| **Background** | 检测是否有新消息 |
| **URL** | Post **/sysu-micro-bar**/checkMessage |
| **Require(post)** | @RequestParam("accountId") int accountId |
| **Response(json)** | Data =True | false |

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| **Background** | 查看最新消息，一次读取20条 |
| **URL** | Post **/sysu-micro-bar**/loadMessage |
| **Require(post)** | @RequestParam("accountId") int accountId, @RequestParam("currentMessageNum") int currentMessageNum |
| **Response(json)** | Data =[ {  “floorId”: int 与此消息对应的楼层id  “createTime”: String 创建时间  “postTitle”: String 帖子标题  “who”: String 此楼的创始人  }] |

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| **Background** | 首页下拉刷新 |
| **URL** | Post **/sysu-micro-bar**/getPostUpdated |
| **Require(post)** | @RequestParam("firstPostId") int firstPostId |
| **Response(json)** | Data =[ {  “commentNum”: boolean 评论人数  “createTime”: String 创建时间  “postId”: int 帖子唯一标识  “tag”: String 标签  “title”: String 标题  }]  例如: [{"commentNum":1,"createTime":"刚刚","postId":2,"tag":"学习","title":"没有男朋友是一种怎样的体验"},{"commentNum":2,"createTime":"刚刚","postId":1,"tag":"学习","title":"没有女朋友是一种怎样的体验"},{"commentNum":0,"createTime":"刚刚","postId":3,"tag":"情感","title":"哈哈哈的体验"}] |

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**---------------------------------------PART Three:各种类型的楼层创建--------------------------------------------**

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| **Background** | 用户发帖操作 |
| **URL** | Post **/sysu-micro-bar**/createPost |
| **Require(post)** | @RequestParam("accountId")int accountId  @RequestParam("title") String title  @RequestParam("detail") String detail  @RequestParam("tag") int tag  @RequestParam("file") MultipartFile[] files |
| **Response(json)** | Data = true | false |
| **Extra** |  |

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| **Background** | 用户盖楼操作 |
| **URL** | Post **/sysu-micro-bar**/createFloor |
| **Require(post)** | @RequestParam("accountId") int accountId  @RequestParam("postId") int postId  @RequestParam("detail") String detail  @RequestParam("file") MultipartFile[] files |
| **Response(json)** | Data = true | false |
| **Extra** |  |

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| **Background** | 用户回复操作 |
| **URL** | Post **/sysu-micro-bar**/createReply |
| **Require(post)** | @RequestParam("accountId") int accountId  @RequestParam("postId") int postId  @RequestParam("replyFloorId") int replyFloorId  @RequestParam("detail") String detail  @RequestParam("file") MultipartFile[] files |
| **Response(json)** | Data = true | false |
| **Extra** |  |

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**---------------------------------------PART FOUR:查看帖子详情---------------------------------------**

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| **Background** | 查看某个帖子(的所有楼层)(目前全部显示) |
| **URL** | Post **/sysu-micro-bar**/getPostDetail |
| **Require(post)** | @RequestParam("postId") int postId |
| **Response(json)** | Data =[ {  “floorId”: int 每层楼的唯一标识  “createTime”: String 创建时间  “detail”: String 楼层详情  “nickname”: String 盖楼者昵称  “headImageUrl”: String 头像url  **“isReply”: boolean 是否属于回复**  “replyWho”: String 回复者昵称  “replyFloorId”: int 回复的楼层的唯一标识  }]  例如: [{"createTime":"2016-05-27 11:19","detail":"谁发的发是否","nickname":"55.793","reply":true,"replyWho":"奎屯"},{"createTime":"2天前","detail":"adf阿道夫","nickname":"奎屯","reply":false}] |
| **Extra** |  |

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**---------------------------------------PART FIVE: 侧边栏相关操作---------------------------------------**

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| **Background** | 上传头像 |
| **URL** | Post **/sysu-micro-bar**/uploadHeadImage |
| **Require(post)** | @RequestParam("accountId") int accountId, @RequestParam("file")MultipartFile file |
| **Response(json)** | True | false |
| **Extra** |  |

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| **Background** | 修改资料 |
| **URL** | Post **/sysu-micro-bar**/modifyPersonalInfo |
| **Require(post)** | @RequestParam("accountId") int accountId, @RequestParam("nickname") String nickname, @RequestParam("newPassword") String newPassword |
| **Response(json)** | True | false |
| **Extra** |  |

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| **Background** | 最近看过 |
| **URL** | Post **/sysu-micro-bar**/getRecentPost |
| **Require(post)** | @RequestParam("postIds") int[] postIds |
| **Response(json)** | Data =[ {  “commentNum”: boolean 评论人数  “createTime”: String 创建时间  “postId”: int 帖子唯一标识  “tag”: String 标签  “title”: String 标题  }]  例如: [{"commentNum":1,"createTime":"刚刚","postId":2,"tag":"学习","title":"没有男朋友是一种怎样的体验"},{"commentNum":2,"createTime":"刚刚","postId":1,"tag":"学习","title":"没有女朋友是一种怎样的体验"},{"commentNum":0,"createTime":"刚刚","postId":3,"tag":"情感","title":"哈哈哈的体验"}] |
| **Extra** |  |

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| **Background** | 我发的帖 |
| **URL** | Post **/sysu-micro-bar**/getPostByMyself |
| **Require(post)** | @RequestParam("accountId") int accountId |
| **Response(json)** | Data =[ {  “commentNum”: boolean 评论人数  “createTime”: String 创建时间  “postId”: int 帖子唯一标识  “tag”: String 标签  “title”: String 标题  }]  例如: [{"commentNum":1,"createTime":"刚刚","postId":2,"tag":"学习","title":"没有男朋友是一种怎样的体验"},{"commentNum":2,"createTime":"刚刚","postId":1,"tag":"学习","title":"没有女朋友是一种怎样的体验"},{"commentNum":0,"createTime":"刚刚","postId":3,"tag":"情感","title":"哈哈哈的体验"}] |
| **Extra** |  |