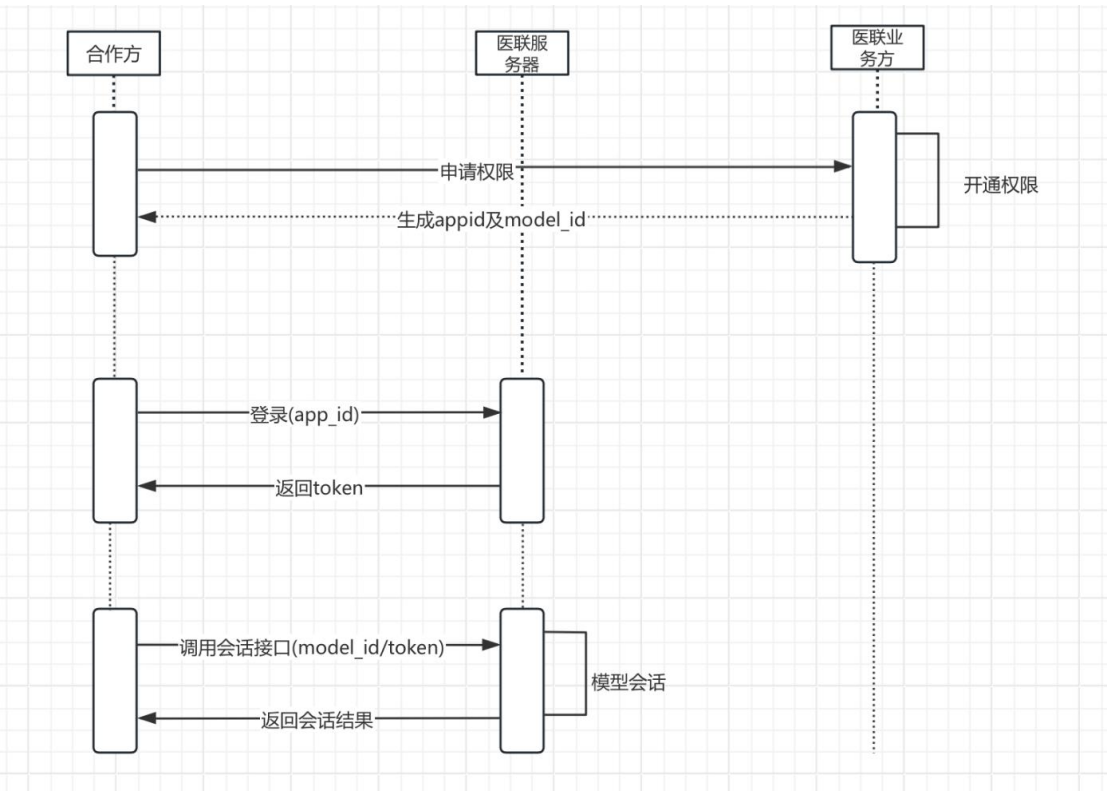


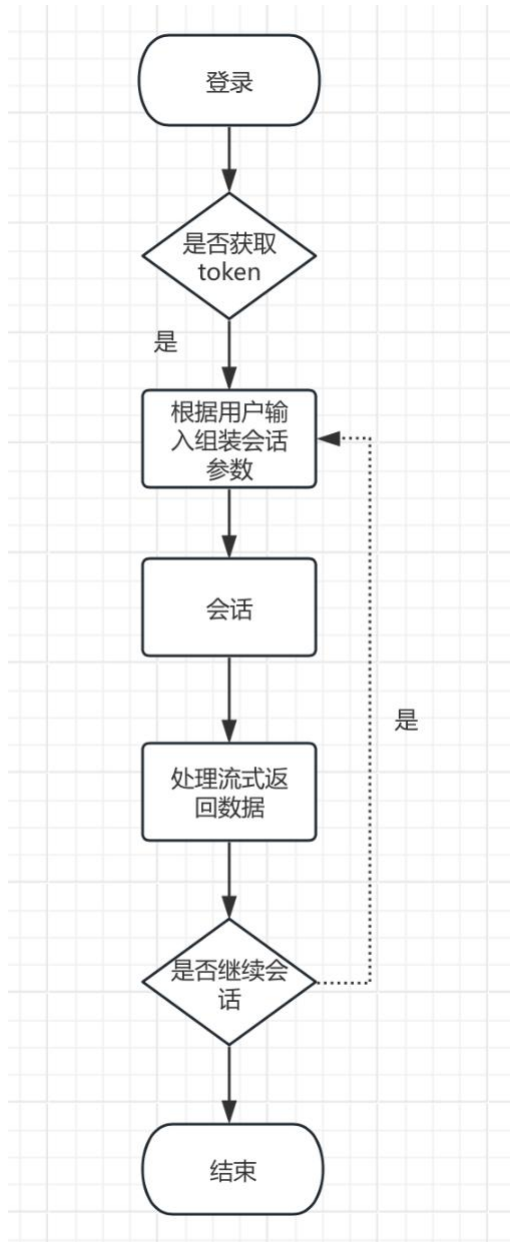
1.对接流程

- a. 医联开通对应功能的权限
- b. 合作方从医联获取对接需要的 app_id 及功能 id(model_id)
- c. 从 4.1 用户登录开始对接
- d. 开始会话

时序图:



会话流程图:



2. 域名

测试环境: <https://medgptv2-qa.medlinker.com/>

生产环境: <https://medgptv2.medlinker.com/>

3. 鉴权说明

全局使用 4.1 用户登录接口返回的 token，放在 header 里面进行鉴权。

4. 接口

4.1 用户登录

接口:

请求方式:POST

接口名称:api/med/login_v2

请求参数:

参数名	类型	是否必传	描述
phone	string	是	手机号
app_id	string	是	标识 id

请求示例:

```
{  
  "phone": "13566668888",  
  "app_id": "三方标识"  
}
```

响应示例:

```
{  
  "code": 200,  
  "msg": "success",  
  "data": {  
    "user_id": 101040,  
    "token": "eafde38ec19fdd9ed07b06b0011e7efd"  
  },  
  "msgId": "1737182ff68b4c8e9633839493a91cb2",  
  "sessionid": "",  
  "tag": "",  
  "type": ""  
}
```

4.2 会话

接口：

请求方式：POST

接口名称：/api/med/chat

请求参数：

参数名	类型	是否必传	描述
messages	数组	是	
messages:role	string	是	固定为:user
messages:content	string	是	请求的具体内容:请参考示例
sessionid	string	是	会话 id:会话标识,相同的会话使用同一个sessionid
third_sessionid	string	否	三方会话 id
model_id	int	是	医联开通的功能 id
chat_version	string	是	固定值:v2.0.1

请求示例：

```
{
  "model_id": 47,
  "messages": [
    {
      "role": "user",
      "content": "肚子疼怎么办"
    }
  ],
  "sessionid": "common_2_test_001",
  "third_sessionid": "thirdsessionid",
  "chat_version": "v2.0.1"
}
```

返回示例：

```
{"code": 200, "msg": "success", "data": {"answer": [{"role": "assistant", "content": "您的",  
"id": 0, "isSysMsg": 2, "msgType": 1, "switchMode": "", "is_continue": 0}], "elapsed": 0,  
"stage": 1}, "msgGroupId": "1729756226", "tag": "body", "type": "frame", "sessionId":  
"common_2_test_001"}|||  
{"code": 200, "msg": "success", "data": {"answer": [{"role": "assistant", "content": "肚子",  
"id": 0, "isSysMsg": 2, "msgType": 1, "switchMode": "", "is_continue": 0}], "elapsed": 0,  
"stage": 1}, "msgGroupId": "1729756226", "tag": "body", "type": "frame", "sessionId":  
"common_2_test_001"}|||  
{"code": 200, "msg": "success", "data": {"answer": [{"role": "assistant", "content": "疼",  
"id": 0, "isSysMsg": 2, "msgType": 1, "switchMode": "", "is_continue": 0}], "elapsed": 0,  
"stage": 1}, "msgGroupId": "1729756226", "tag": "body", "type": "frame", "sessionId":  
"common_2_test_001"}|||  
{"code": 200, "msg": "success", "data": {"answer": [{"role": "assistant", "content": "持续",  
"id": 0, "isSysMsg": 2, "msgType": 1, "switchMode": "", "is_continue": 0}], "elapsed": 0,  
"stage": 1}, "msgGroupId": "1729756226", "tag": "body", "type": "frame", "sessionId":  
"common_2_test_001"}|||  
{"code": 200, "msg": "success", "data": {"answer": [{"role": "assistant", "content": "了",  
"id": 0, "isSysMsg": 2, "msgType": 1, "switchMode": "", "is_continue": 0}], "elapsed": 0,  
"stage": 1}, "msgGroupId": "1729756226", "tag": "body", "type": "frame", "sessionId":  
"common_2_test_001"}|||  
{"code": 200, "msg": "success", "data": {"answer": [{"role": "assistant", "content": "多久",  
"id": 0, "isSysMsg": 2, "msgType": 1, "switchMode": "", "is_continue": 0}], "elapsed": 0,  
"stage": 1}, "msgGroupId": "1729756226", "tag": "body", "type": "frame", "sessionId":  
"common_2_test_001"}|||  
{"code": 200, "msg": "success", "data": {"answer": [{"role": "assistant", "content": "呢",  
"id": 0, "isSysMsg": 2, "msgType": 1, "switchMode": "", "is_continue": 0}], "elapsed": 0,  
"stage": 1}, "msgGroupId": "1729756226", "tag": "body", "type": "frame", "sessionId":  
"common_2_test_001"}|||  
{"code": 200, "msg": "success", "data": {"answer": [{"role": "assistant", "content": "? ",  
"id": 0, "isSysMsg": 2, "msgType": 1, "switchMode": "", "is_continue": 0}], "elapsed": 0,  
"stage": 1}, "msgGroupId": "1729756226", "tag": "body", "type": "frame", "sessionId":  
"common_2_test_001"}|||  
{"code": 200, "msg": "success", "data": {"answer": [{"role": "assistant", "content": "", "id":  
0, "isSysMsg": 2, "msgType": 1, "switchMode": "", "is_continue": 0}], "elapsed": 0, "stage":  
1}, "msgGroupId": "1729756226", "tag": "body", "type": "frame", "sessionId":  
"common_2_test_001"}|||  
{"code": 200, "msg": "success", "data": {"answer": [{"role": "assistant", "content": "", "id":  
0, "isSysMsg": 2, "msgType": 1, "switchMode": "", "is_continue": 0}], "elapsed": 0, "stage":  
1}, "msgGroupId": "1729756226", "tag": "body", "type": "full", "sessionId":  
"common_2_test_001"}|||
```

5. 接口说明

5.1 请求参数说明:

sessionid:会话唯一 id, 同一个会话使用同一个 **sessionid**。字符串类型, 建议长度控制在 50 个字符以内。

4.2 聊天接口会返回 **sessionid**

model_id 需要替换为医联提供的 **model_id**

content 只需要用户最新的输入

5.2 返回参数说明

返回为流式输出, 字段 **type="full"** 可以作为结束标识。

5.3 对接说明

后端如果进行对接, 建议先返回数据给前端, 后端异步保存数据。

5.4 伪代码

```
def get_data():
    start_time = time.time()
    url = "http://medgptv2-qa.medlinker.com/api/med/chat"
    token = "7d39f0a564f8b06620678599dac55d00"
    req_data = {"model_id": 47, "messages": [{"role": "user", "content": "肚子疼怎么办"}],
               "sessionid": "common_2_test_001", "third_sessionid": "thirdsessionid",
               "chat_version": "v2.0.1"}

    headers = {"content-type": "application/json", "token": token}
    res = requests.post(url, headers = headers, json = req_data, stream = True)
    content_db = ""
    first_cost = 0
    for item in res.iter_lines():
        if not item:
            continue
        if first_cost == 0:
            first_cost = f"{round(time.time() - start_time, 3)}s"
        item = item.decode("utf-8")
        if isinstance(item, str) and item.endswith("|||"):
            item_data = item.split("|||")[0]
            content_json = json.loads(item_data)
            if isinstance(content_json, dict):
                c_data = content_json.get("data", {})
                c_answer = c_data.get("answer", [])
                if len(c_answer) > 0:
                    content_child = c_answer[0].get("content", "")
                    content_db += content_child
        yield item

    cost = f"{round(time.time() - start_time, 3)}s"
    print("首次响应耗时:", first_cost)
    print("总耗时:", cost)
    print("content_db:", content_db)
    # todo 保存 db
```

6. 状态码

```
{  
  "code": 400,  
  "msg": "错误内容",  
  "data": null,  
  "msgGroupId": "ac50460531994a2c864adf9919342fd4",  
  "tag": "body",  
  "type": "full",  
  "sessionId": ""  
}|||
```