## 获取指定用户(user1)的标签:

```
C:\Users\Fan>curl http://localhost:8000/users/user1/tags {"status":"成功","message":"成功获取标签","data":{"user_id":"user1","tags":["acg"]}}
```

## 如果用户没有标签:

```
C:\Users\Fan>curl http://localhost:8000/users/user2/tags
{"status":"成功","message":"用户没有标签","data":{"user_id":"user2","tags":[]}}
```

## 为用户添加标签:

```
C:\Users\Fan\PycharmProjects\网易任务1>curl -X POST http://localhost:8000/users/user3/tags -H "Content-Type: application/json" -d "{\"tags
\": [\"摇滚乐迷\", \"交响乐爱好者\", \"ACG爱好者\"]}"
{"status":"成功","message":"标签添加成功","data":{"user_id":"user3","tags":["交响乐爱好者","ACG爱好者","摇滚乐迷"]}}
```

#### 如果用户不存在:

```
C:\Users\Fan>curl http://localhost:8000/users/user6/tags
{"status":"成功","message":"用户不存在","data":{"user_id":"user6","tags":[]}}
```

### 添加用户标签:

```
C:\Users\Fan>curl -X POST http://localhost:8000/users/user6/tags -H "Content-Type: application/json" -d "{\"tags\": [\"交响乐\", \"摇滚\"]
}"
{"status":"成功","message":"标签添加成功","data":{"user_id":"user6","tags":["摇滚","交响乐"]}}
C:\Users\Fan>curl http://localhost:8000/users/user6/tags
("status":"成功","message":"成功获取标签","data":{"user_id":"user6","tags":["摇滚","交响乐"]}}
C:\Users\Fan>
```

### 删除用户标签:

```
C:\Users\Fan\PycharmProjects\网易任务1>curl -X DELETE http://localhost:8000/users/user3/tags/交响乐爱好者{"status":"成功","message":"成功删除标签 '交响乐爱好者'","data":{"user_id":"user3","removed_tag":"交响乐爱好者"}}
```

### 按照标签筛选用户:

```
C:\Users\Fan\PycharmProjects\网易任务1>curl http://localhost:8000/tags/摇滚乐迷/users
{"status":"成功","message":"成功获取拥有标签 '摇滚乐迷' 的用户","data":{"tag":"摇滚乐迷","users":["user3","user4"]}}
```

#### 显示所有标答:

```
C:\Users\Fan\PycharmProjects\网易任务1>curl http://localhost:8000/tags
{"status":"成功","message":"成功获取所有标签","data":{"tags":["acg","音乐发烧友","摇滚爱好者","交响乐","摇滚","pink floyd","ac/dc","The Ve
rve","Beatles","万能青年旅店","摇滚乐迷","ACG爱好者"]}}
```

### 显示所有用户:

```
C:\Users\Fan\PycharmProjects\网易任务1>curl http://localhost:8000/users
{"status":"成功","message":"成功获取所有用户","data":{"users":["user1","user2","user3","user4","user5","user123","user6","user7"]}}
```

# 显示所有有标签和没有标签的用户:

# 创建没有标签的用户:



# 为用户添加标签:



# 获取特定用户的标签



# 显示所有用户和存在的标签:

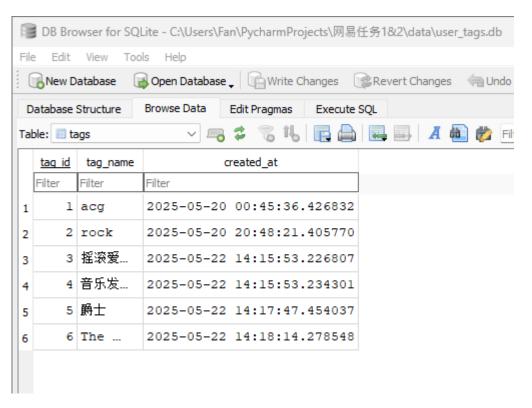


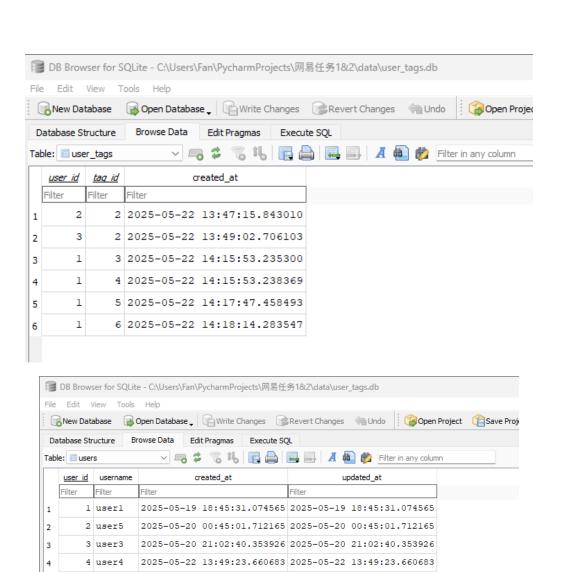
#### 任务 2:

获取特定用户所有标签→删除特定用户所有标签→获取特定用户所有标签

```
C:\Users\Fan\PycharmProjects\网易任务1&2>curl -X GET "http://localhost:8000/users/1/tags"
{"status":"成功", "message":"成功获取标签", "data":{"user_id":1, "username":"user1", "tags":["摇滚爱好者","音乐发烧友","爵士
","The Pillows"]}}
C:\Users\Fan\PycharmProjects\网易任务1&2>curl -X DELETE "http://localhost:8000/users/1/all_tags"
{"status":"成功", "message":"成功清空所有标签", "data":{"user]":1, "username":"user1", "tags":[]}}
C:\Users\Fan\PycharmProjects\网易任务1&2>curl -X GET "http://localhost:8000/users/1/tags"
{"status":"成功","message":"用户没有标签","data":{"user_id":1,"username":"user1","tags":[]}}
C:\Users\Fan\PycharmProjects\网易任务1&2>
```

SQLite 数据库用户标签系统数据浏览:标签(tags)、用户标签关联(user\_tags)与用户信息(users):





5 user6 2025-05-22 13:49:41.289650 2025-05-22 13:49:41.289650 6 user2 2025-05-22 13:49:54.192054 2025-05-22 13:49:54.192054 7 user7 2025-05-22 13:50:36.157277 2025-05-22 13:50:36.157277 8 user8 2025-05-22 13:50:40.832280

9 user9 2025-05-22 13:50:44.807165 2025-05-22 13:50:44.807165

10 user10 2025-05-22 13:50:49.687292 2025-05-22 13:50:49.687292

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