1. 注册请求

前端发送的请求：

```
POST /api/user/register
Content-Type: application/json

{
    "username": "zhangsan",
    "password": "123456",  // 明文密码
    "email": "zhangsan@example.com",
    "phone": "13800138000",
    "gender": "男",
    "address": "北京市朝阳区"
}
```

需要后端返回的格式：

```
{
    "code": 200,
    "data": {
        "userId": 1001,
        "username": "zhangsan",
        "email": "zhangsan@example.com",
        "phone": "13800138000",
        "gender": "男",
        "address": "北京市朝阳区"
    }
}
```

2. 登录请求

前端发送的请求：

```
POST /api/user/login
Content-Type: application/json

// 情况1：使用用户名登录
{
    "username": "zhangsan",
    "password": "123456"  // 明文密码
}

// 情况2：使用手机号登录
{
    "phone": "13800138000",
    "password": "123456"  // 明文密码
}
```

需要后端返回的格式：

```
{
```

```
        "code": 200,
        "data": {
            "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...",  // JWT格式的token
            "userInfo": {
                "userId": 1001,
                "username": "zhangsan",
                "email": "zhangsan@example.com",
                "phone": "13800138000",
                "gender": "男",
                "address": "北京市朝阳区"
            }
        }
    }
```

3. 获取用户信息请求

前端发送的请求：

```
GET /api/user/selectById/current
Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...
```

需要后端返回的格式：

```
{
    "code": 200,
    "data": {
        "userId": 1001,
        "username": "zhangsan",
        "email": "zhangsan@example.com",
        "phone": "13800138000",
        "gender": "男",
        "address": "北京市朝阳区"
    }
}
```

4. 更新用户信息请求

前端发送的请求：

```
PUT /api/user/update
Content-Type: application/json
Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...

{
    "userId": 1001,
    "username": "zhangsan_new",
    "email": "zhangsan_new@example.com",
    "phone": "13900139000",
    "gender": "男",
    "address": "上海市浦东新区"
}
```

需要后端返回的格式：

```
{
    "code": 200,
    "data": {
        "userId": 1001,
        "username": "zhangsan_new",
        "email": "zhangsan_new@example.com",
        "phone": "13900139000",
        "gender": "男",
        "address": "上海市浦东新区"
    }
}
```

错误响应格式：

```
{
    "code": 400,   // 或其他4xx状态码
    "message": "错误信息"
}
```