1. Register a User

Request Example:

```
curl -X POST http://localhost:8080/register \
    -H "Content-Type: application/json" \
    -d '{
    "username": "user1",
    "password": "password123",
    "role": "user"
    }'
```

Response Example:

```
{
  "ID": 1,
  "Username": "user1",
  "Password": "password123",
  "Role": "user"
}
```

2. Register an Admin

Request Example:

```
curl -X POST http://localhost:8080/register \
    -H "Content-Type: application/json" \
    -d '{
    "username": "admin1",
    "password": "adminpass",
    "role": "admin"
    }'
```

Response Example:

```
{
  "ID": 2,
  "Username": "admin1",
  "Password": "adminpass",
  "Role": "admin"
}
```

3. Login and Get a Token

Request Example (User Login):

```
curl -X POST http://localhost:8080/login \
    -H "Content-Type: application/json" \
    -d '{
    "username": "user1",
    "password": "password123"
    }'
```

Response Example:

```json
{
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..."
}
```

Make sure to save this token for future requests.

4. Create an Account (Admin Only)

Request Example (Use Admin Token):

```
curl -X POST http://localhost:8080/accounts \
    -H "Content-Type: application/json" \
    -H "Authorization: Bearer <admin_token>" \
    -d '{
    "UserID": 1,
    "Balance": 1000.0
    }'
```

Response Example:

```json
{
  "ID": 1,
  "UserID": 1,
  "Balance": 1000,
  "CreatedAt": "2024-11-17T12:34:56Z"
}
```

5. List All Accounts (Admin Only)

Request Example:

```
curl -X GET http://localhost:8080/accounts \
    -H "Authorization: Bearer <admin_token>"
```

Response Example:

```json
[
  {
    "ID": 1,
    "UserID": 1,
    "Balance": 1000,
    "CreatedAt": "2024-11-17T12:34:56Z"
  }
]
```

6. Check Balance (User Only)

Request Example:

```
curl -X GET http://localhost:8080/balance?user_id=1 \
    -H "Authorization: Bearer <user_token>"
```

Response Example:

```json
{
  "balance": 1000
}
```

7. Deposit Money (User Only)

Request Example:

```bash
curl -X POST http://localhost:8080/balance \
    -H "Content-Type: application/json" \
    -H "Authorization: Bearer <user_token>" \
    -d '{
    "user_id": 1,
    "amount": 500
    }'
```

Response Example:

```json
{
  "ID": 1,
  "UserID": 1,
  "Balance": 1500,
  "CreatedAt": "2024-11-17T12:34:56Z"
}
```

8. Withdraw Money (User Only)

Request Example:

```bash
curl -X DELETE http://localhost:8080/balance \
    -H "Content-Type: application/json" \
    -H "Authorization: Bearer <user_token>" \
    -d '{
    "user_id": 1,
    "amount": 200
    }'
```

Response Example:

```json
{
  "ID": 1,
  "UserID": 1,
  "Balance": 1300,
  "CreatedAt": "2024-11-17T12:34:56Z"
}
```

Notes

- Replace <user_token> and <admin_token> with the actual token received from the login endpoint.

- Make sure your server is running on http://localhost:8080
- Examples uses curl. Other tools can be used (see postman for example)