Wallet API Documentation

API Overview

```
Version: v1
Base URL: http://localhost:8080
Authentication: JWT Bearer Token (use 'Authorization: Bearer <token>')
```

Auth Controller

```
POST /auth/login
Authenticate user and retrieve a JWT token.

Request Body:
{
  "username": "string",
  "password": "string"
}

Response:
- 200 OK: JWT Token response
```

App User Controller

```
POST /api/creatUser
Create a new application user.

Request Body:
{
  "username": "string",
  "password": "string",
  "role": "string",
  "enabled": true,
  "accountNonExpired": true,
  "accountNonLocked": true,
  "credentialsNonExpired": true,
  "customer": {
    "name": "string",
    "surname": "string",
    "tckn": "string"
  },
  "employee": {
    "name": "string"
  }
}

Response:
- 200 OK: Created user
```

Wallet Controller

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```
POST /api/wallets/create
Create a new wallet.
```

```
Request Body:
{
  "customerId": 1,
  "walletName": "Main Wallet",
  "currency": "USD",
  "activeForShopping": true,
  "activeForWithdraw": true
}
```

```
Response:
- 200 OK: WalletResponse
```

```
Example WalletResponse:
{
  "id": 1,
  "walletName": "Main Wallet",
  "currency": "USD",
  "activeForShopping": true,
  "activeForWithdraw": true,
  "balance": 1000.00,
  "usableBalance": 950.00,
  "customerId": 42
}
```

```
POST /api/wallets/deposit
Make a deposit to wallet.
```

```
Request Body:
{
  "walletId": 1,
  "amount": 100.0,
  "oppositeParty": "TR330006100519786457841326",
  "oppositePartyType": "IBAN"
}
```

```
Response:
- 200 OK: WalletResponse
```

```
POST /api/wallets/withdraw
Withdraw from wallet.
```

```
Request Body:
{
  "walletId": 1,
  "amount": 50.0,
  "oppositeParty": "TR330006100519786457841326",
  "oppositePartyType": "IBAN"
}
```

Response:
- 200 OK: WalletResponse

Transaction Controller

POST /api/transactions/approve
Approve or deny a transaction.

Request Body:
```
{
  "transactionId": 123,
  "status": "APPROVED"
}
```

Response:
- 200 OK: string

GET /api/wallets/{walletId}/transactions
Get all transactions of a wallet.

Path Param:
- walletId (integer)

Response:
- 200 OK: List of TransactionResponse

Customer Controller

GET /api/customers/{customerId}/wallets
Get all wallets of a customer.

Path Param:
- customerId (integer)

Response:
- 200 OK: List of Wallet