```
┌──────────────┐  1        N  ┌──────────────┐  1        N  ┌──────────────┐
│   users      │──────────────│   account    │──────────────│ transaction  │
│   회원       │              │   계좌       │              │   거래내역   │
└──────────────┘              └──────────────┘              └──────────────┘
```

transaction table

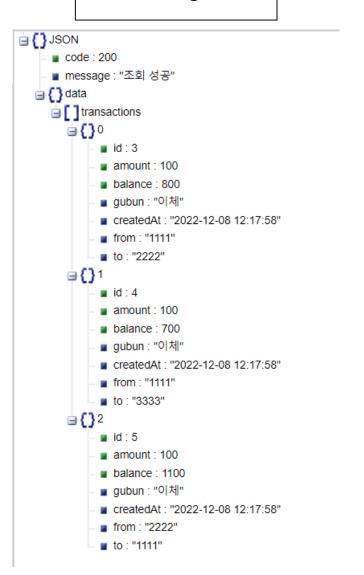| id	amount	gubun	withdraw_account_id	deposit_account_id	withdraw_account_balance	deposit_account_balance
1	100	WITHDRAW	1	null	900	null
2	100	DEPOSIT	null	2	null	1100
3	100	TRANSFER	1	2	800	1200
4	100	TRANSFER	1	3	700	1100
5	100	TRANSFER	2	1	1100	800

account table

id	user_id	number	balance				
1	1	1111	1000	t1 -> 900	t3 -> 800	t4 -> 700	t5 -> 800
2	2	2222	1000	t2 -> 1100	t3 -> 1200		t5 -> 1100
3	3	3333	1000			t4 -> 1100	

transaction table

1111 입금 내역 조회

id	amount	gubun	withdraw_account_id	deposit_account_id	withdraw_account_balance	deposit_account_balance
1	100	WITHDRAW	1	null	900	null
2	100	DEPOSIT	null	2	null	1100
3	100	TRANSFER	1	2	800	1200
4	100	TRANSFER	1	3	700	1100
5	100	TRANSFER	2	1	1100	800

transaction table

1111 출금 내역 조회

id	amount	gubun	withdraw_account_id	deposit_account_id	withdraw_account_balance	deposit_account_balance
1	100	WITHDRAW	1	null	900	null
2	100	DEPOSIT	null	2	null	1100
3	100	TRANSFER	1	2	800	1200
4	100	TRANSFER	1	3	700	1100
5	100	TRANSFER	2	1	1100	800

transaction table

1111 입출금 내역 조회

id	amount	gubun	withdraw_account_id	deposit_account_id	withdraw_account_balance	deposit_account_balance
1	100	WITHDRAW	1	null	900	null
2	100	DEPOSIT	null	2	null	1100
3	100	TRANSFER	1	2	800	1200
4	100	TRANSFER	1	3	700	1100
5	100	TRANSFER	2	1	1100	800

inner join

```
JSON
  code : 200
  message : "조회 성공"
  data
    transactions
      0
        id : 3
        amount : 100
        balance : 800
        gubun : "이체"
        createdAt : "2022-12-08 12:17:58"
        from : "1111"
        to : "2222"
      1
        id : 4
        amount : 100
        balance : 700
        gubun : "이체"
        createdAt : "2022-12-08 12:17:58"
        from : "1111"
        to : "3333"
      2
        id : 5
        amount : 100
        balance : 1100
        gubun : "이체"
        createdAt : "2022-12-08 12:17:58"
        from : "2222"
        to : "1111"
```

left outer join

```
JSON
  code : 200
  message : "조회 성공"
  data
    transactions
      0
        id : 1
        amount : 100
        balance : 900
        gubun : "출금"
        createdAt : "2022-12-08 12:20:28"
        from : "1111"
        to : "ATM"
      1
        id : 3
        amount : 100
        balance : 800
        gubun : "이체"
        createdAt : "2022-12-08 12:20:28"
        from : "1111"
        to : "2222"
      2
        id : 4
        amount : 100
        balance : 700
        gubun : "이체"
        createdAt : "2022-12-08 12:20:28"
        from : "1111"
        to : "3333"
      3
        id : 5
        amount : 100
        balance : 1100
        gubun : "이체"
        createdAt : "2022-12-08 12:20:28"
        from : "2222"
        to : "1111"
```