

## Snapshots of the case study:

### 1. Transaction fails due to insufficient balance

```
Hibernate: insert into User (userName, userId) values (?, ?)
Hibernate: select next_val as id_val from hibernate_sequence for update
Hibernate: update hibernate_sequence set next_val= ? where next_val=?
Hibernate: select account_.accountId, account_.accountUser_userId as accountu3_0_, account_.amount as amount2_0_ from Account account_ where account_.accountId=?
Hibernate: select account_.accountId, account_.accountUser_userId as accountu3_0_, account_.amount as amount2_0_ from Account account_ where account_.accountId=?
Less amount in the Account credit amount first for the debit operation
*****Transaction aborted*****
```

### 2. Crediting amount leads to successful transaction

```
Hibernate: select next_val as id_val from hibernate_sequence for update
Hibernate: update hibernate_sequence set next_val= ? where next_val=?
Hibernate: select account_.accountId, account_.accountUser_userId as accountu3_0_, account_.amount as amount2_0_ from Account account_ where account_.accountId=?
Hibernate: select account_.accountId, account_.accountUser_userId as accountu3_0_, account_.amount as amount2_0_ from Account account_ where account_.accountId=?
debit is possible
*****Transactions committed successfully*****Now the current amount=1400
```

### 3. Again aborted due to less amount.

```
Hibernate: insert into Audit (Receiver_accountId, Sender_accountId, amount, transactionId) values (?, ?, ?, ?)
Hibernate: update Audit set Receiver_accountId=?, Sender_accountId=?, amount=? where transactionId=?
Hibernate: select next_val as id_val from hibernate_sequence for update
Hibernate: update hibernate_sequence set next_val= ? where next_val=?
Hibernate: select account_.accountId, account_.accountUser_userId as accountu3_0_, account_.amount as amount2_0_ from Account account_ where account_.accountId=?
Less amount in the Account credit amount first for the debit operation
*****Transaction aborted*****
```

### 4. Transaction fails due to the incorrect receiver's account number

```
Hibernate: select next_val as id_val from hibernate_sequence for update
Hibernate: update hibernate_sequence set next_val= ? where next_val=?
Hibernate: select account_.accountId, account_.accountUser_userId as accountu3_0_, account_.amount as amount2_0_ from Account account_ where account_.accountId=?
debit is possible
*****Transactions failed Check once again the receiver's account number*****
```