

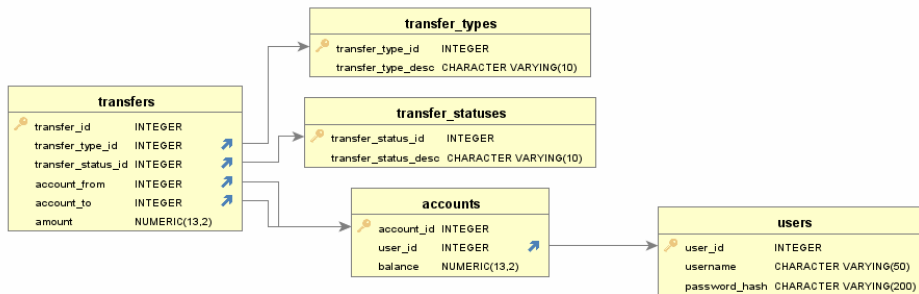
How to make a transfer

Server side model TransferDTO (userFrom, userTo, amount)

method in jdbcTransferDao

1. check to see if userFrom's account has enough money\ if not, throw an exception
2. subtract amount from userFrom's account
3. add amount to userTo's account
4. add to the transfer table

INSERT INTO transfers (transfer\_type\_id, transfer\_status\_id, account\_from, account\_to, amount)  
VALUES(2, 2, (SELECT account\_id FROM accounts WHERE user\_id = ?),  
(SELECT account\_id FROM account WHERE user\_id = ?))



==0

<=0

>=0

jdbcTransferDao  
TransferDTO transfer

compare that there is enough money?  
get back the balance of the userFrom account  
balanceFrom = jdbcTemplate.queryForRowSet...  
if (transfer.getAmount().compareTo(balanceFrom) >=0)