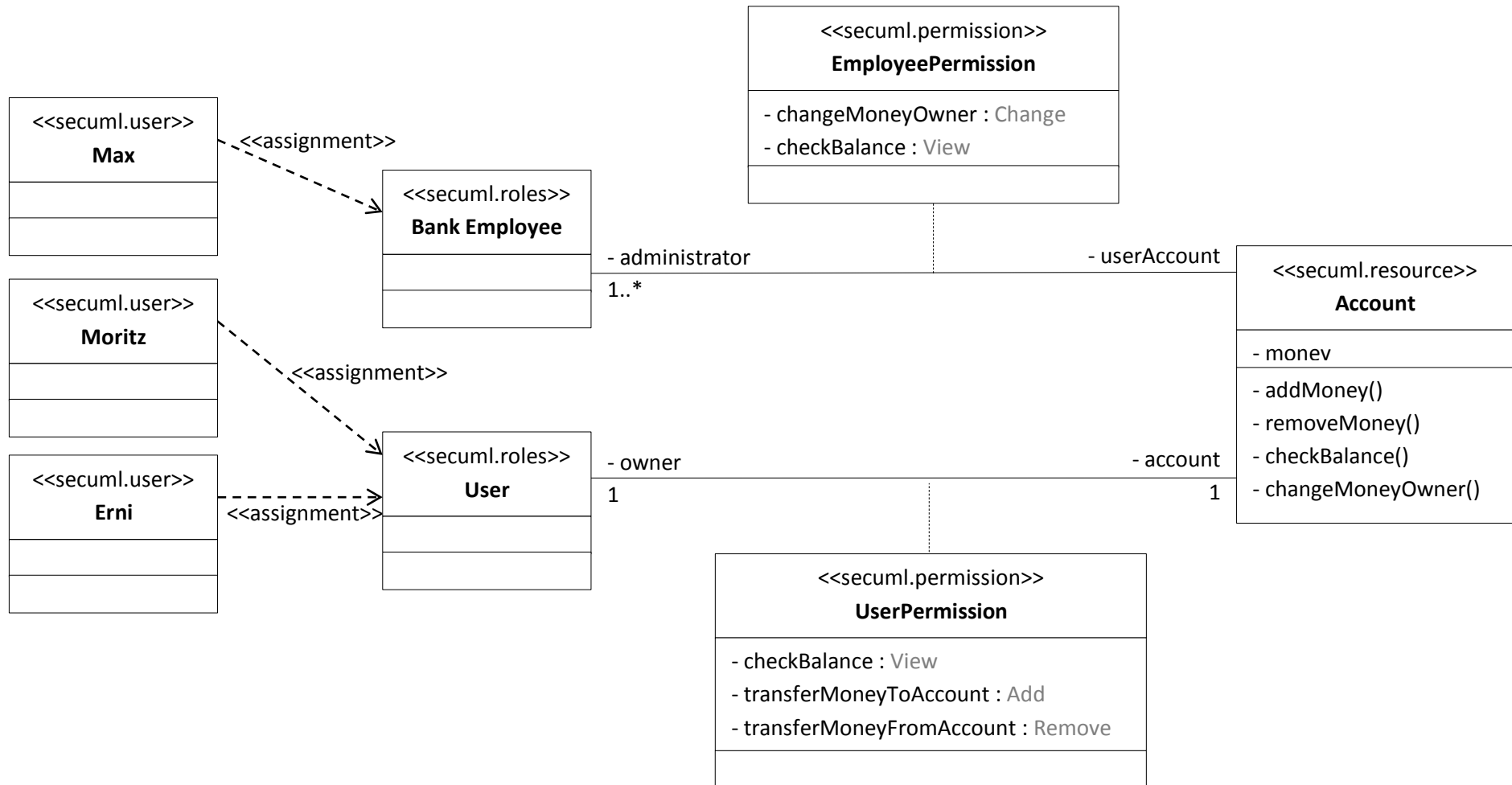
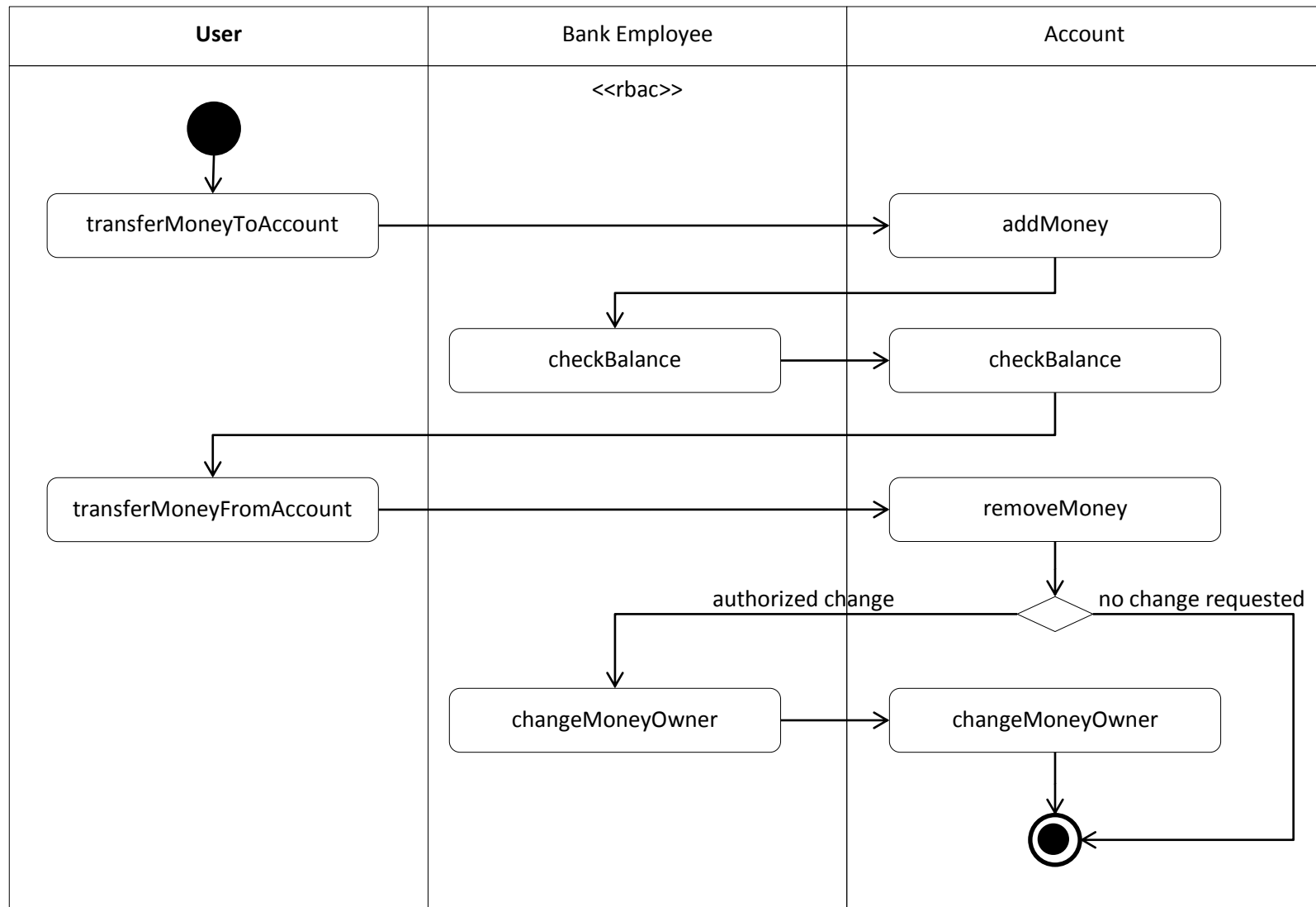


### SecureUML model



## UMLsec transformation



The connections between different tasks had to be modeled manually. Additionally is the mapping of Permission to Action on Resource not automatically transformable in this model if their naming is not equal.

**{protected = (addMoney)}**

**{right = (User, addMoney)}**

**{role = (Moritz, User)}**

**{protected = (checkBalance)}**

**{right = (User, checkBalance)}**

**{role = (Moritz, User)}**

**{protected = (removeMoney)}**

**{right = (User, removeMoney)}**

**{role = (Moritz, User)}**

**{protected = (addMoney)}**

**{right = (User, addMoney)}**

**{role = (Erni, User)}**

**{protected = (checkBalance)}**

**{right = (User, checkBalance)}**

**{role = (Erni, User)}**

**{protected = (removeMoney)}**

**{right = (User, removeMoney)}**

**{role = (Erni, User)}**

**{protected = (checkBalance)}**

**{right = (Bank Employee, checkBalance)}**

**{role = (Max, Bank Employee)}**

**{protected = (changeMoneyOwner)}**

**{right = (Bank Employee, changeMoneyOwner)}**

**{role = (Max, Bank Employee)}**