

ING Honours - System requirements

Modified requirements

1-3-2017

Model requirements:

- M1: Bank accounts with.
 - M1.1: There is a single main customer account holder, whose name is associated with the bank account
 - M1.2: There are no permission differences between customers
- M2: A customer account has:
 - M2.1: Name, surname, initials, date of birth, BSN, street address, telephone nr, email
 - M2.2: Many-to-many relationship to bank account
- M3: A pin card, associated with a combination of customer account + bank account, Further attributes: PIN, Card number, expiration date

Functionality requirements:

- F1: Open bank account
- F2: Close bank account
- F3: Deposit (physical) money into some account
 - F3.1 Identify yourself
 - F3.2 Select own bank account
- F4: Pay at PIN machine (also contactless)
 - F4.1 Message pin machine → bank: amount, source card number, target bank account
 - F4.2 Message bank → pin machine: (N)OK
- F5: Add bank account to existing customer account
- F6: View balance and past transactions of a bank account
- F7: Transferring money between bank accounts (of the same bank)
 - F7.1 Authentication message → bank
 - F7.2 Bank → authenticated yes/no + key for the session
 - F7.3 Key, transferred amount, source bank account, target bank account + target bank account name + additional information about transaction
 - F7.4 Bank → (N)OK

Glossary

Bank account	Account holding money
Customer account	Account to login to the bank platform