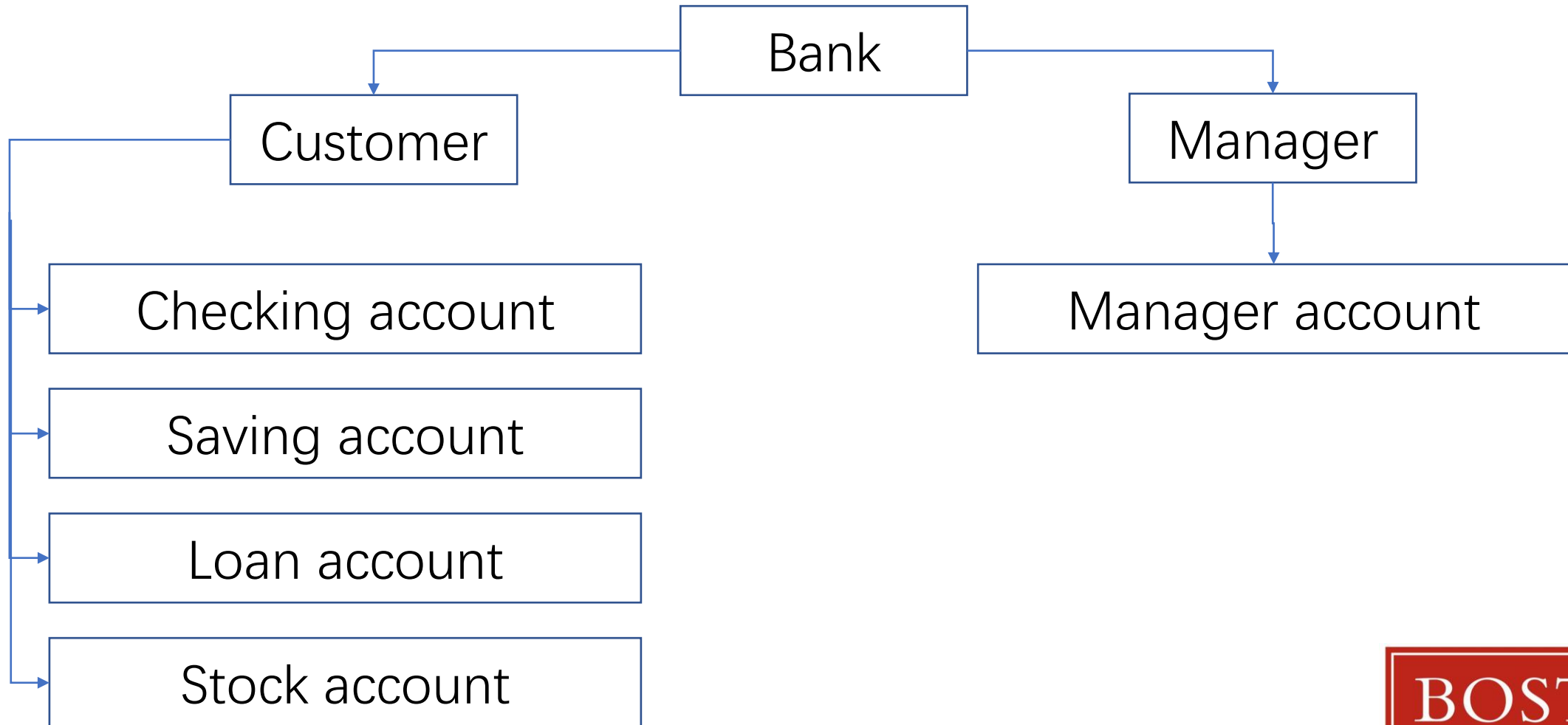# CS611
Final Project Presentation

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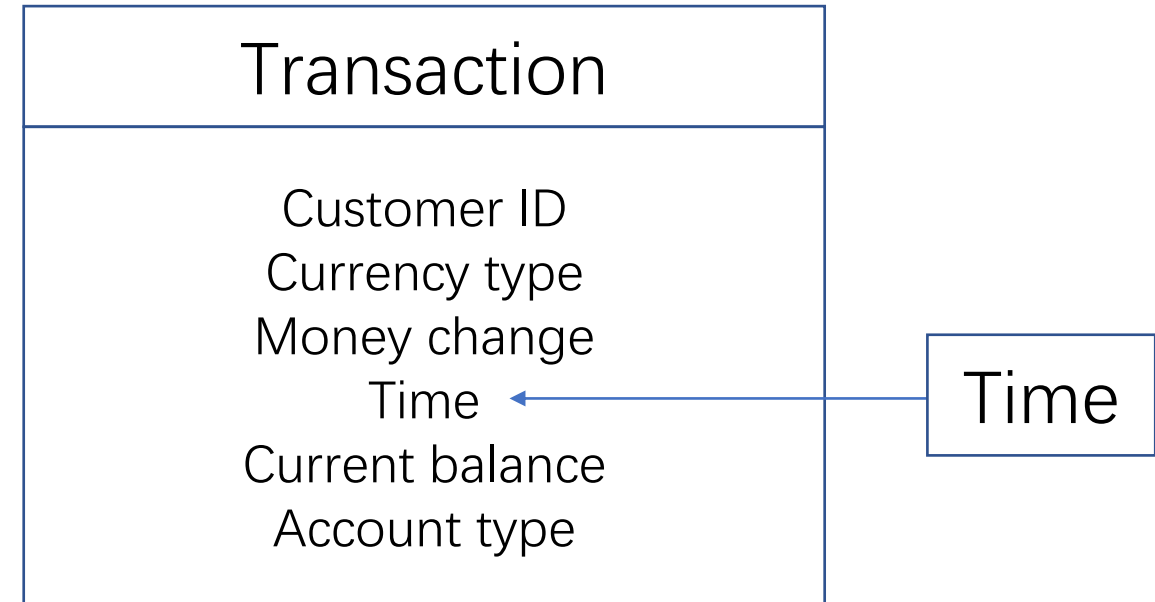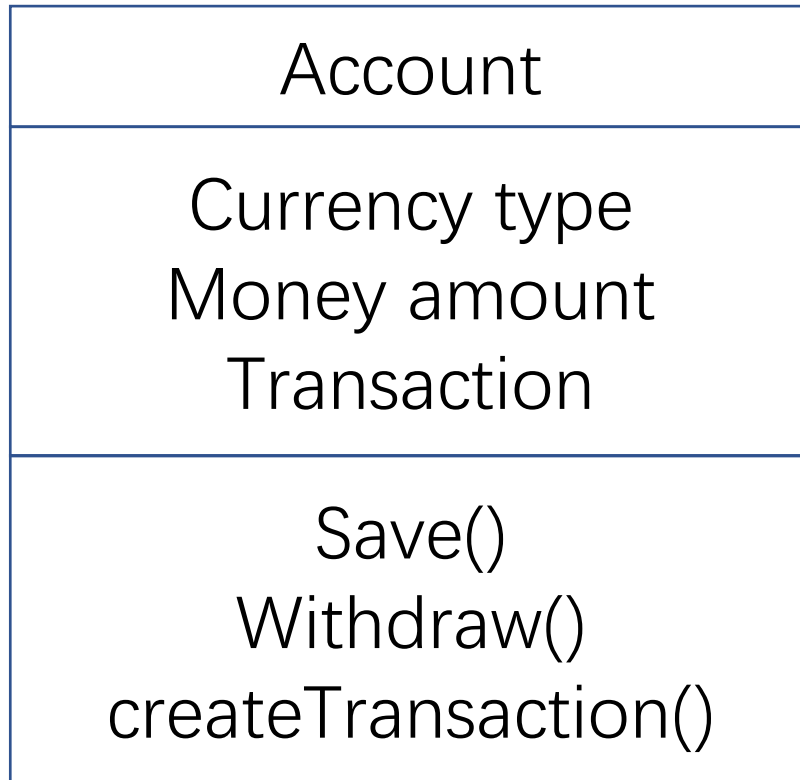
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Contents

1. Design Frame

2. Backstage-Class Structure

3. Database

4. GUI

1. Design Frame

1. Design Frame

Account
Currency type Money amount Transaction
Save() Withdraw() createTransaction()

Transaction
Customer ID Currency type Money change Time Current balance Account type

Time

2. Backstage-Class Structure
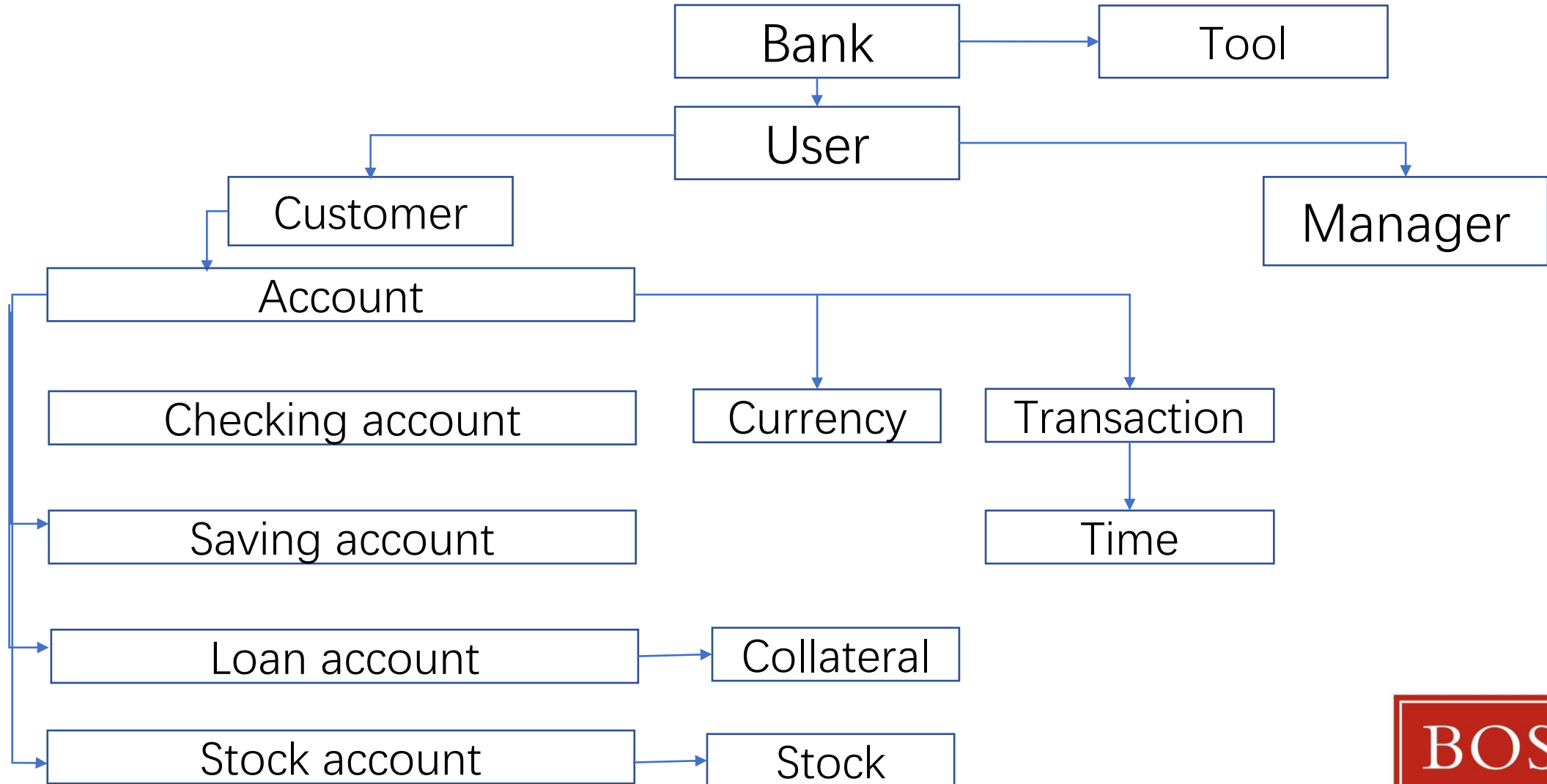
3. Database

Customer tables

Manager tables

| CUSTOMER |
| SAVING_ACCOUNT |
| CHECKING_ACCOUNT |
| LOAN_ACCOUNT |
| STOCK_ACCOUNT |
| TRANSACTION |

| MANAGER |
| MANAGER_ACCOUNT |

| LOAN | COLLATERAL |
| STOCK_LIST | STOCK_OWNERSHIP |

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4. GUI

login/signup → Customer account overview → create saving account

create stock account

make a check

request a loan

save/withdraw

view transactions

buy/sell stocks

login/signup → Manager overview → Manage stocks