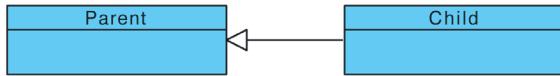
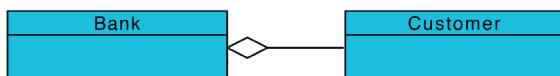


UML Class-Diagram Cheatsheet



Generalization

The „Child“ extends the „Parent“ and contains every public or protected method and variable of the parent.



Aggregation

The „Customer“ is part of the „Bank“, but the customer can exists without the bank, too.



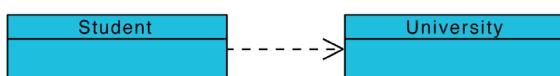
Composition

The account is part of the bank and can't exits without the bank.



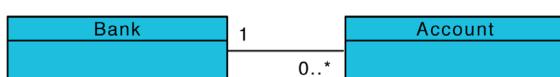
Interface

The class „KitchenAppliance“ implements the interface „Socket“.



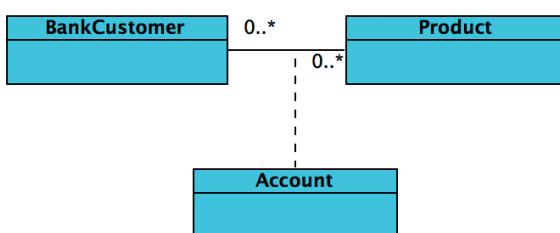
Dependency

The „Student“ dependents on the „University“



Multiplicities

The Account belongs to one Bank. The Bank contains 0 to infinite Accounts



Association (Class)

This type is often use in n to m relationships. The „Account“ chains the „Product“ with the „BankCustomer“