



Person

Person(*idPerson*)

Name(*person*, first, last)

FK: (person) \subseteq Person(*idPerson*)

Email(*person*, email)

FK: (person) \subseteq Person(*idPerson*)

Address(*person*, street, city, postalCode)

FK: (person) \subseteq Person(*idPerson*)

Login

Login(*person*, login, password)

FK: (person) \subseteq Person(*idPerson*)

Employee

Employee(*person*, *idEmployee*)

FK: (person) \subseteq Person(*idPerson*)

Phone(*employee*)

FK: (employee) \subseteq Employee(*idEmployee*)

WorkPosition(*employee*, *branch*, name, description)

FK: (employee) \subseteq Employee(idEmployee) FK: (branch) \subseteq Branch(idBranch)

Branch

Branch(*bank*, *idBranch*, name)

FK: (bank) \subseteq Bank(code)

Address(*branch*, street, city, postalCode)

FK: (branch) \subseteq Branch(idBranch)

Bank

Bank(*code*, name)

Entitlement

Module(*idModule*, name, description)

Permission(*module*, name)

FK: (module) \subseteq Module(idModule)

Role(*employee*, *idRole*, name, description)

FK: (employee) \subseteq Employee(idEmployee)

Entitlement(*employee*, role, module, name)

FK: (employee) \subseteq Employee(idEmployee)

FK: (role) \subseteq Role(idRole)

FK: (module) \subseteq Module(idModule)

Customer

Customer(*idCustomer*)

FK: (person) \subseteq Person(idPerson)

Phone(*customer*)

FK: (customer) \subseteq Customer(idCustomer)

Support

Ticket(*idNumber*, date, time, name, description)

Support(*ticket*, *customer*, *employee*, rate)

FK: (ticket) \subseteq Ticket(idNumber)

FK: (customer) \subseteq Customer(idCustomer)

FK: (employee) \subseteq Employee(idEmployee)

Account

Account(*customer*, *idNumber*, currency)

FK: (customer) \subseteq Customer(idCustomer)

Type(*accountNumber*, Personal, Real, Nominal)

FK: (accountnumber) \subseteq Account(idNumber)

Transaction

Transaction(*idNumber*, *accountFrom*, *accountTo*)

FK: (accountFrom) \subseteq Account(idNumber)

FK: (accountTo) \subseteq Account(idNumber)

Loan

Loan(*idNumber*, *customer*, *branch*, amount, interest) FK: (customer) \subseteq Customer(idCustomer) FK: (branch) \subseteq Branch(idBranch)

Payment(*idNumber*, *loan*, amount, date) FK: (loan) \subseteq Loan(idNumber)