

Entity type	Strong or weak	Attributes
Bank	Strong	(<u>code</u> , nameBank , StreetBank, CityBank, CountryBank)
Branch	Strong	(<u>branch_ID</u> , Name_Branch, street_Branch, city_Branch, country_Branch)
Loan	Strong	(<u>loanNumber</u> , <u>loanType</u> , loanAmount , status)
Account	Strong	(AccountNumber, Balance, AccountType)
Customer	Strong	(Fname, MiddleName,LName, <u>SSN</u> , City_Customer, Street_Customer, Phone)
Employee	Strong	(<u>employee_ID</u> , Street_employee, city_employee, country_employee, Fname_employee, Lname_employee, phone_employee)
Admin	Strong	(Password_admin, <u>username Admin</u>)

Relationship type	between	Cardinality	Participation
Has a	Bank - Branch	1 - M	Mandatory – Mandatory
Maintain	Branch - Account	1 - M	Mandatory – Mandatory
Offer	Branch - Loan	1 - M	Mandatory – Mandatory
Held by	Account - Customer	1 - M	Mandatory – Mandatory
Availed by	Loan - Customer	M - 1	Optional – Mandatory
Work for	Employee - Bank	M - 1	Mandatory – Mandatory
Add loan	Employee - Loan	M - M	Mandatory - Mandatory
Add branch	Admin - Branch	1 - M	Mandatory - Optional
Add bank	Admin - Bank	1 - M	Mandatory - Mandatory