Data Model Guidelines for Bank App

# Bank Objects

## Bank Customer

* API Name: Bank\_Customer\_\_c
* Singular Label: Bank Customer
* Plural Label: Bank Customers

### Fields

* Bank Customer ID
  + API Name: Name
* First Name
  + API Name: First\_Name\_\_c
* Last Name
  + API Name: Last\_Name\_\_c
* Birthdate
  + API Name: Birthdate\_\_c
* Age
  + API Name: Age\_\_c

## Customer Account

* API Name: Customer\_Account\_\_c
* Singular Label: Customer Account
* Plural Label: Customer Accounts

### Fields

* Account Type
  + API Name: Account\_Type\_\_c
* Authorized User 1
  + API Name: Authorized\_User\_1\_\_c
* Authorized User 2
  + API Name: Authorized\_User\_2\_\_c
* Balance
  + API Name: Balance\_\_c
  + Non-required
  + Read-only
  + Currency
* Customer Account Number
  + API Name: Name

### Record Types

* Joint
* Single

### Validation Rules

* You should create a validation rule that ensures the following: “The first authorized user on an account must be 18 or older. A user under the age of 18 can only have joint accounts, where the first authorized user is 18 or older.”

## Bank Transaction

* API Name: Bank\_Transaction\_\_c
* Singular Label: Bank Transaction
* Plural Label: Bank Transactions

### Fields

* Amount
  + API Name: Amount\_\_c
* Bank Transaction ID
  + API Name: Name
* From Account
  + API Name: From\_Account\_\_c
* To Account
  + API Name: To\_Account\_\_c

### Record Types

* Deposit
* Transfer
* Withdrawal

### Validation Rules

* Either via a Validation Rule or via your Apex code, you should ensure that a transaction cannot cause an account to have a negative balance.