

### Database Dictionaries

*Table 1 : Customer*

Field Name	Description	Data Type	Length (Bytes)
id	Customer ID	int	4 bytes
Date_	Date when added	datetime	8 bytes
first_name	First name of customer	Nvarchar	2 gigabytes
last_name	Last name of customer	Nvarchar	2 gigabytes
sin_number	Sin number of customer	Nvarchar	2 gigabytes
birthday	Birthdate of customer	Nvarchar	2 gigabytes
savings_account	Savings account id	int	4 bytes
chequings_account	Chequings account id	int	4 bytes
credit_account	Credit account id	int	4 bytes

*Table 2 : Savings\_Account*

Field Name	Description	Data Type	Length (Bytes)
id	Account ID	int	4 bytes
opening_balance	Balance of account	float	8 bytes
Date_	Date when added	datetime	8 bytes

*Table 3: Transactions*

<b>Field Name</b>	<b>Description</b>	<b>Data Type</b>	<b>Length (Bytes)</b>
id	Transaction ID	int	4 bytes
description_	Description of transaction	Nvarchar	2 gigabytes
account	The account used for the transaction(e.x: savings,chequings)	Nvarchar	2 gigabytes
opening_balance	Balance of account before the transaction	float	8 bytes
amount	Amount of money gained/lost during the transaction	float	8 bytes
ending_balance	Balance of account after the transaction	float	8 bytes
customer	Sin number of the customer associated with the transaction	Nvarchar	2 gigabytes
Date_	Date of transaction	datetime	8 bytes
credit_account	Credit account id	int	4 bytes

*Table 4 : Chequings\_Account*

<b>Field Name</b>	<b>Description</b>	<b>Data Type</b>	<b>Length (Bytes)</b>
id	Account ID	int	4 bytes
opening_balance	Balance of account	float	8 bytes
Date_	Date when added	datetime	8 bytes

*Table 5 : Credit\_Account*

<b>Field Name</b>	<b>Description</b>	<b>Data Type</b>	<b>Length (Bytes)</b>
id	Account ID	int	4 bytes
opening_balance	Balance of account	float	8 bytes
Date_	Date when added	datetime	8 bytes