

# CIS435L Course Project WBank

## Entities

### WBank.Locations

Column Name	Data Type	Relation	Required
LocationID	int	PK	Y
LocationCode	nvarchar(15)		Y
Address	nvarchar(60)		Y
City	nvarchar(30)		Y
State	nvarchar(50)		Y

### WBank. AccountType

Column Name	Data Type	Relation	Required
AccountTypeID	int	PK	Y
AccountType	nchar(2)		Y

### WBank. Employees

Column Name	Data Type	Relation	Required
EmployeeID	int	PK	Y
EmployeeNumber	nvarchar(15)		Y
FirstName	nvarchar(50)		Y
LastName	nvarchar(50)		Y
Title	nvarchar(8)		N
CanCreateNewAccount	BIT		Y

HourlySalary	DECIMAL(9, 2)		Y
Address	varchar(250)		Y
City	nvarchar(30)		Y
State	nvarchar(50)		Y
Zip code	nvarchar(15)		Y
Email Address	varchar(255)		Y

#### WBank. Customers

Column Name	Data Type	Relation	Required
CustomerID	int	PK	Y
DateCreated	Datetime		Y
AccountNumber	varchar(10)		Y
AccountTypeID	int	FK	Y
Fname	nvarchar(50)		Y
Lname	nvarchar(50)		Y
Gender	char(1)		N
Address	varchar(250)		Y
City	nvarchar(30)		Y
State	nvrchar(50)		Y
PhoneNumber	Phone(nvarchar25)		Y
Email Address	varchar(255)		Y

FK AccountID  
From Table  
WBank.AccountType

#### WBank. Deposits

Column Name	Data Type	Relation	Required
DepositID	int	PK	Y
LocationID	int	FK	Y
EmployeeID	int	FK	Y
CustomerID	int	FK	Y

FK(s)  
LocationID from Table  
WBank.Locations  
EmployeeID from Table  
WBank.Employees  
CustomerID from table  
WBank.Customers

DepositDate	DateTime		Y
DepositAmount	DECIMAL(9, 2)		Y

#### WBank. Withdrawals

Column Name	Data Type	Relation	Required
WithdrawalID	int	PK	Y
LocationID	int	FK	Y
EmployeeID	int	FK	Y
CustomerID	int	FK	Y
WithdrawalDate	Datetime		Y
WithdrawalAmount	DECIMAL(9,2)		Y
WithdrawalSuccessful	BIT		Y

FK(s)  
LocationID from

Table

WBank.Locations  
EmployeeID from

Table

WBank.Employees  
CustomerID from

table  
WBank.Customers

#### WBank. CheckCashing

Column Name	Data Type	Relation	Required
CheckCashingID	int	PK	Y
LocationID	int	FK	Y
EmployeeID	int	FK	Y
CustomerID	int	FK	Y
CheckCashingDate	Datetime		Y
CheckCashingAmount	DECIMAL(9, 2)		Y

FK(s)

LocationID from Table

WBank.Locations  
EmployeeID from

Table

WBank.Employees  
CustomerID from

table  
WBank.Customers