Final Project

You are to create a Banking Application which does the following:



Name of Database: dbvpny1qngaxgp



Database userid: quickme1\_4211

Database Password: csci4211

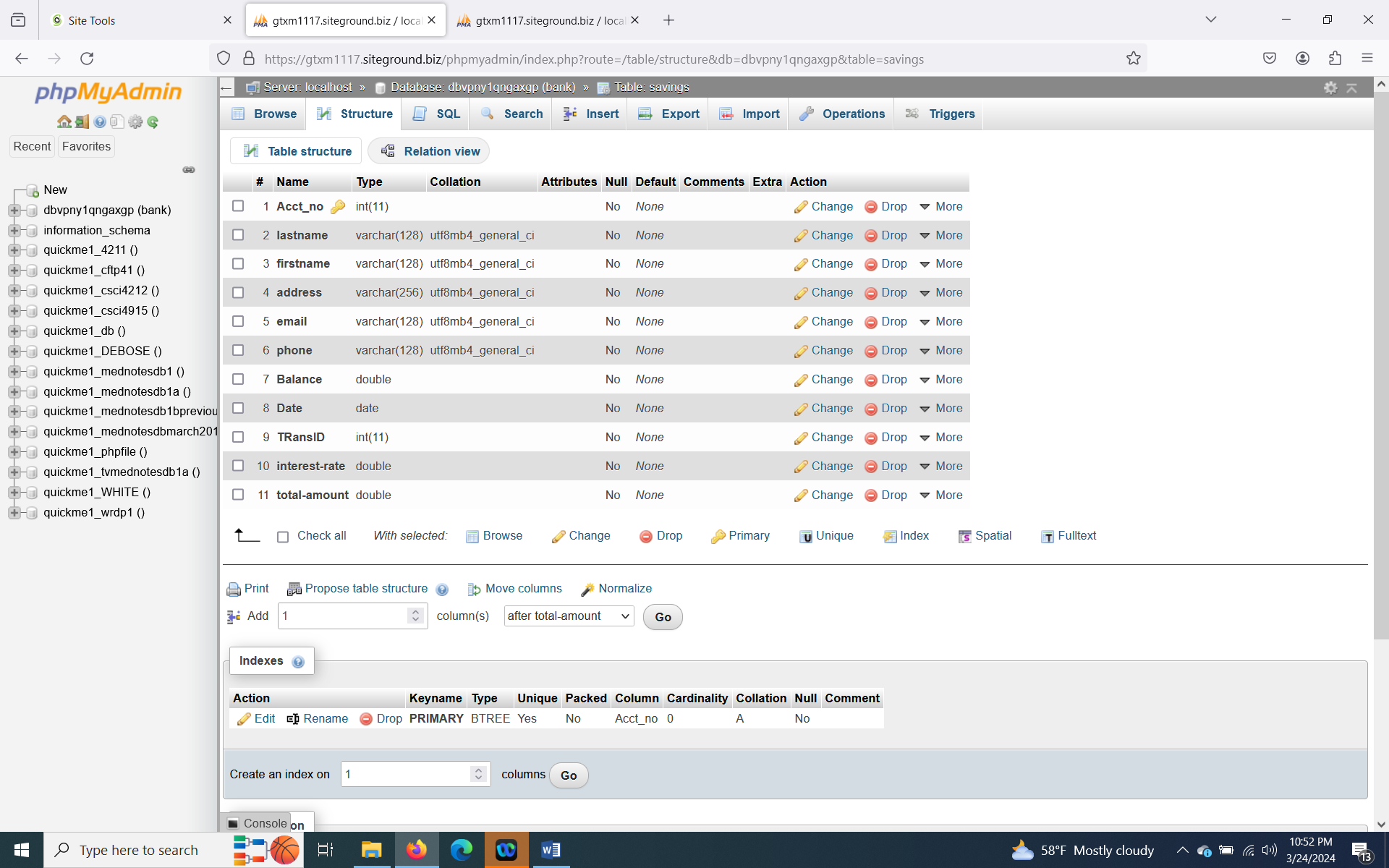
The name of the Bank is ABC Bank.

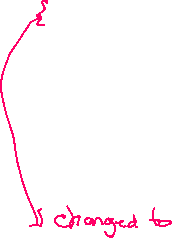
There are three types of Accounts

1. Savings
2. Checking
3. Investment

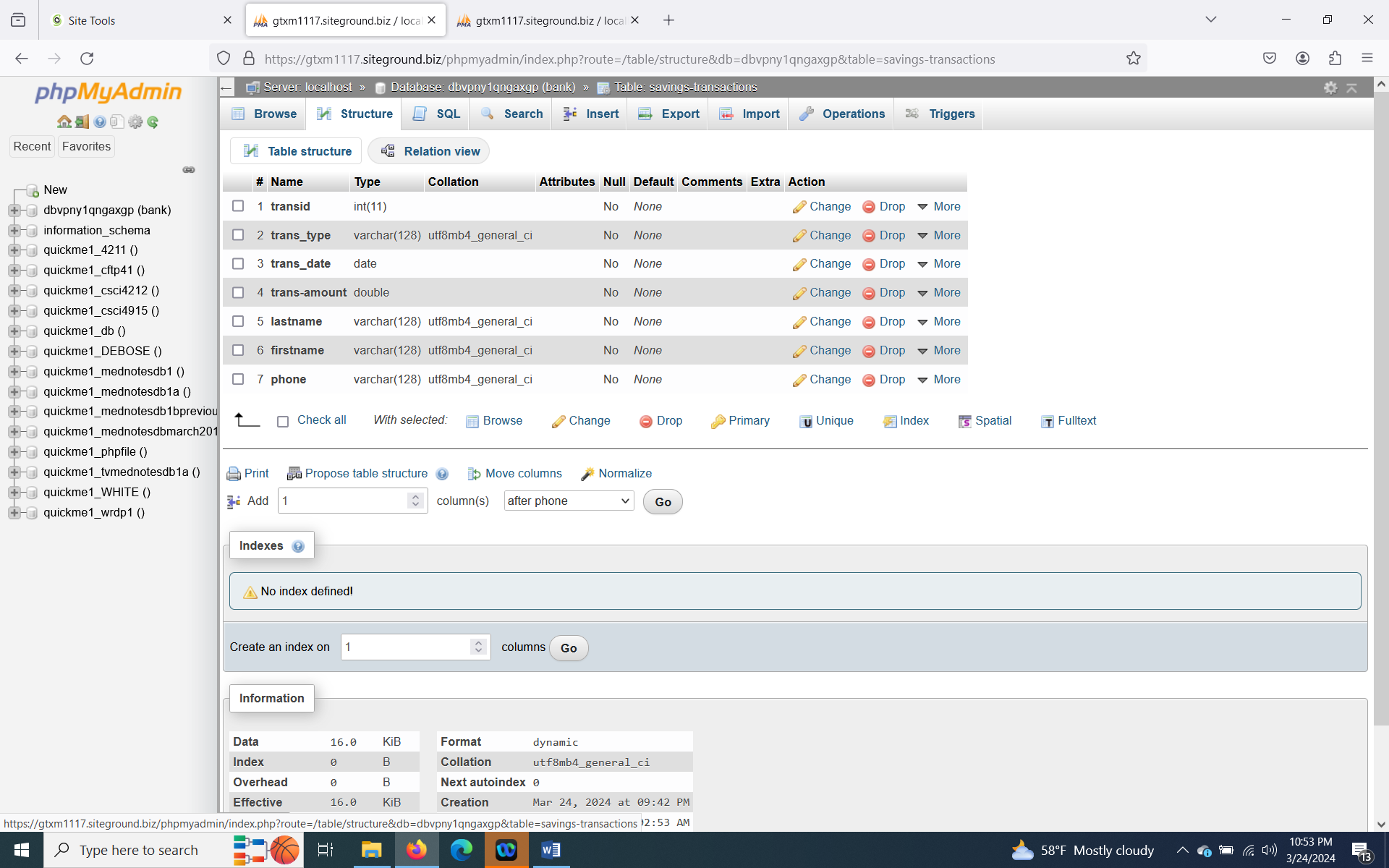
The table structures of the banks are listed below

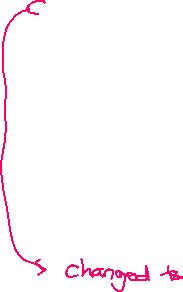
1. Savings Account



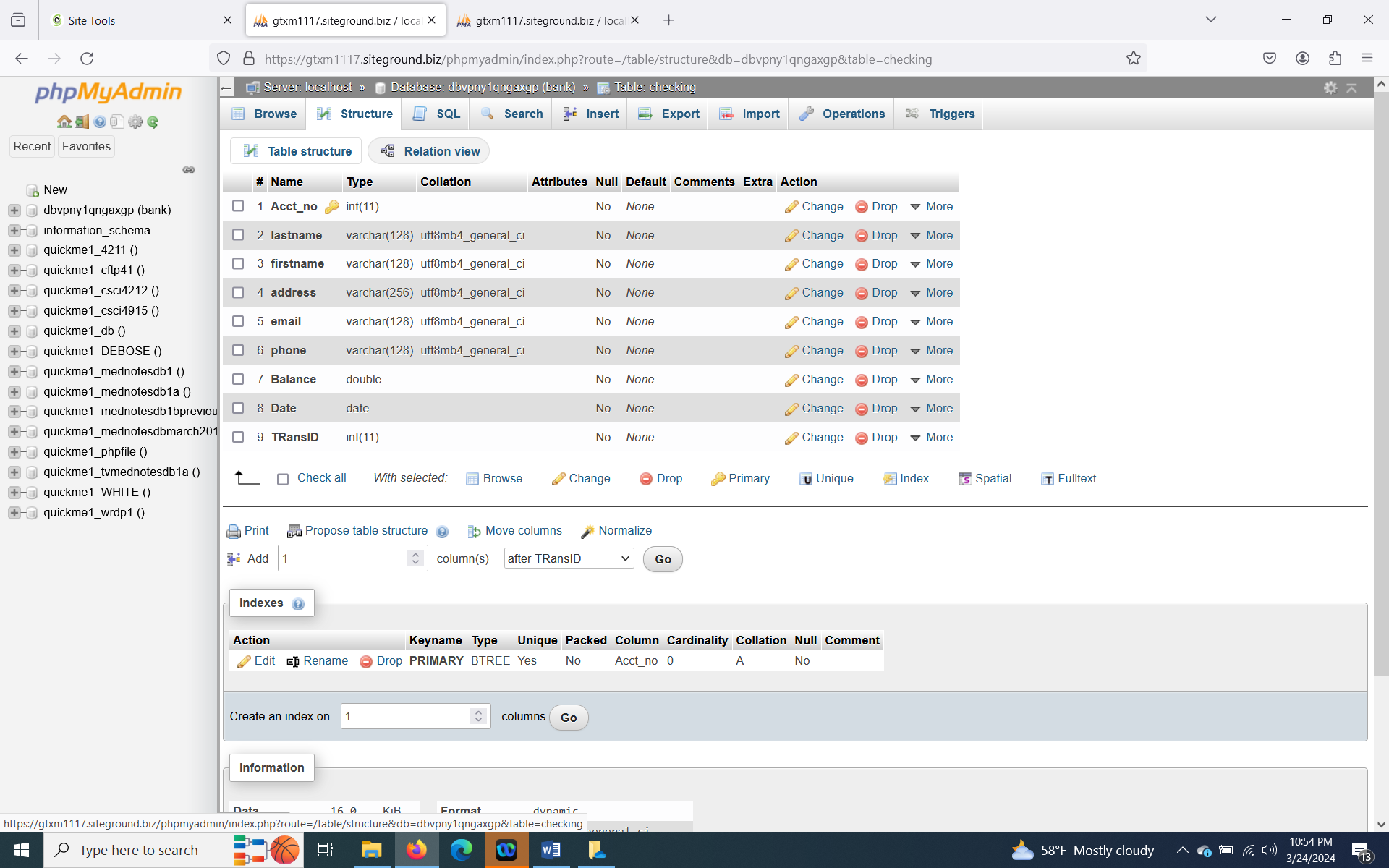


1. Savings Transactions

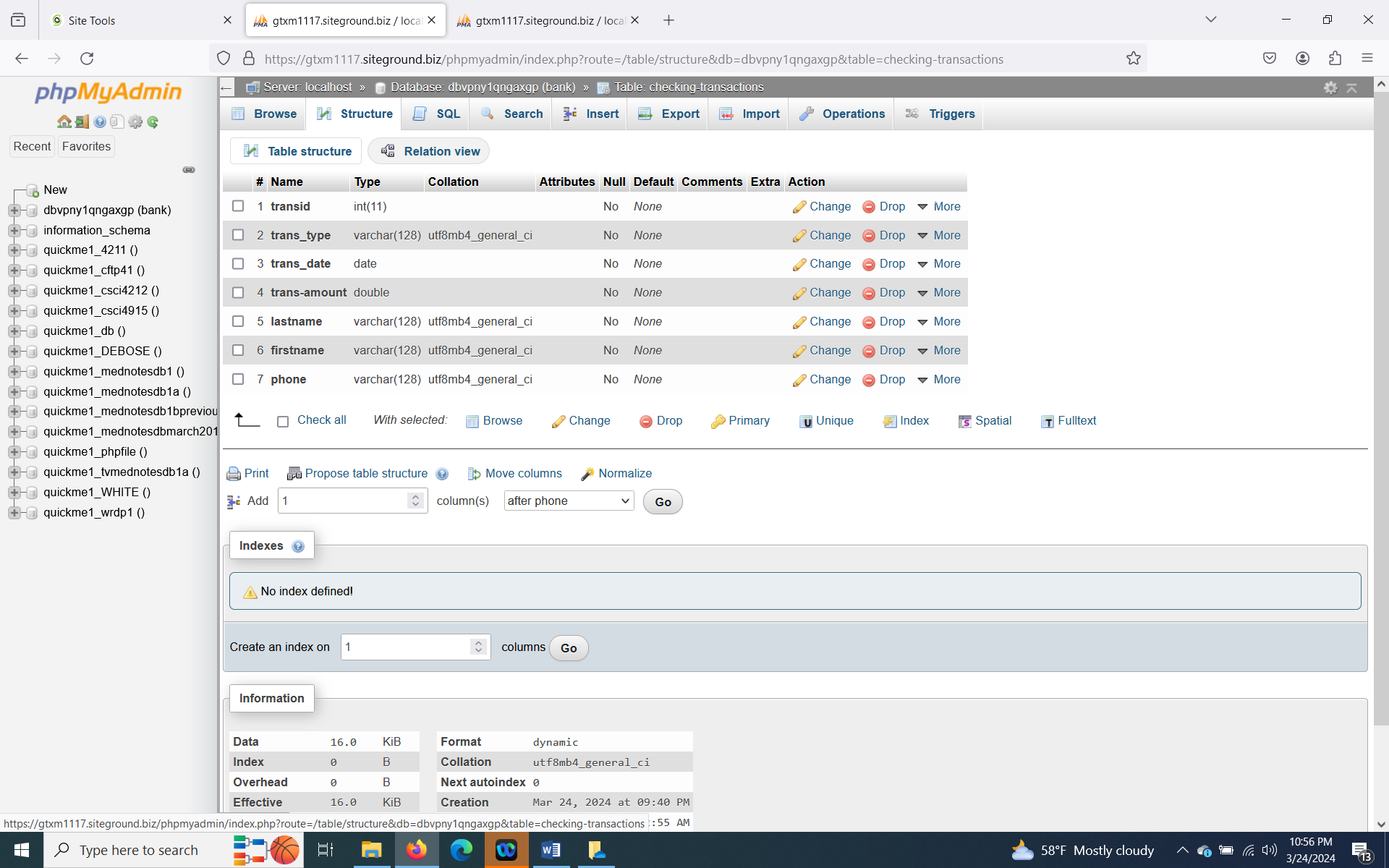


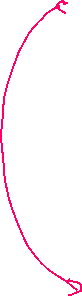


1. Checking Account

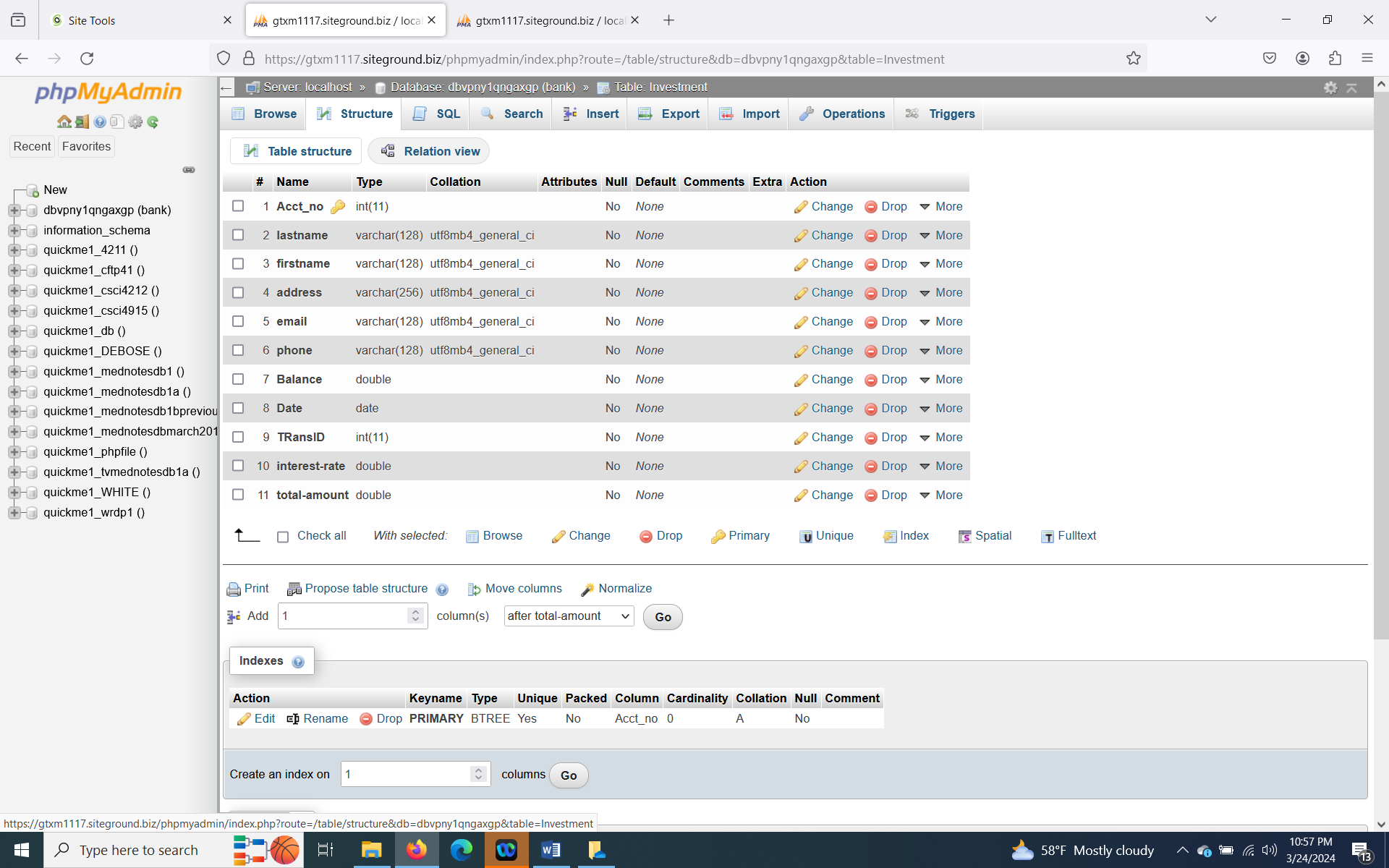


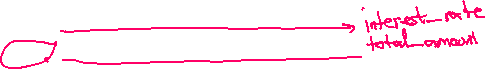
1. Checking Transactions Table



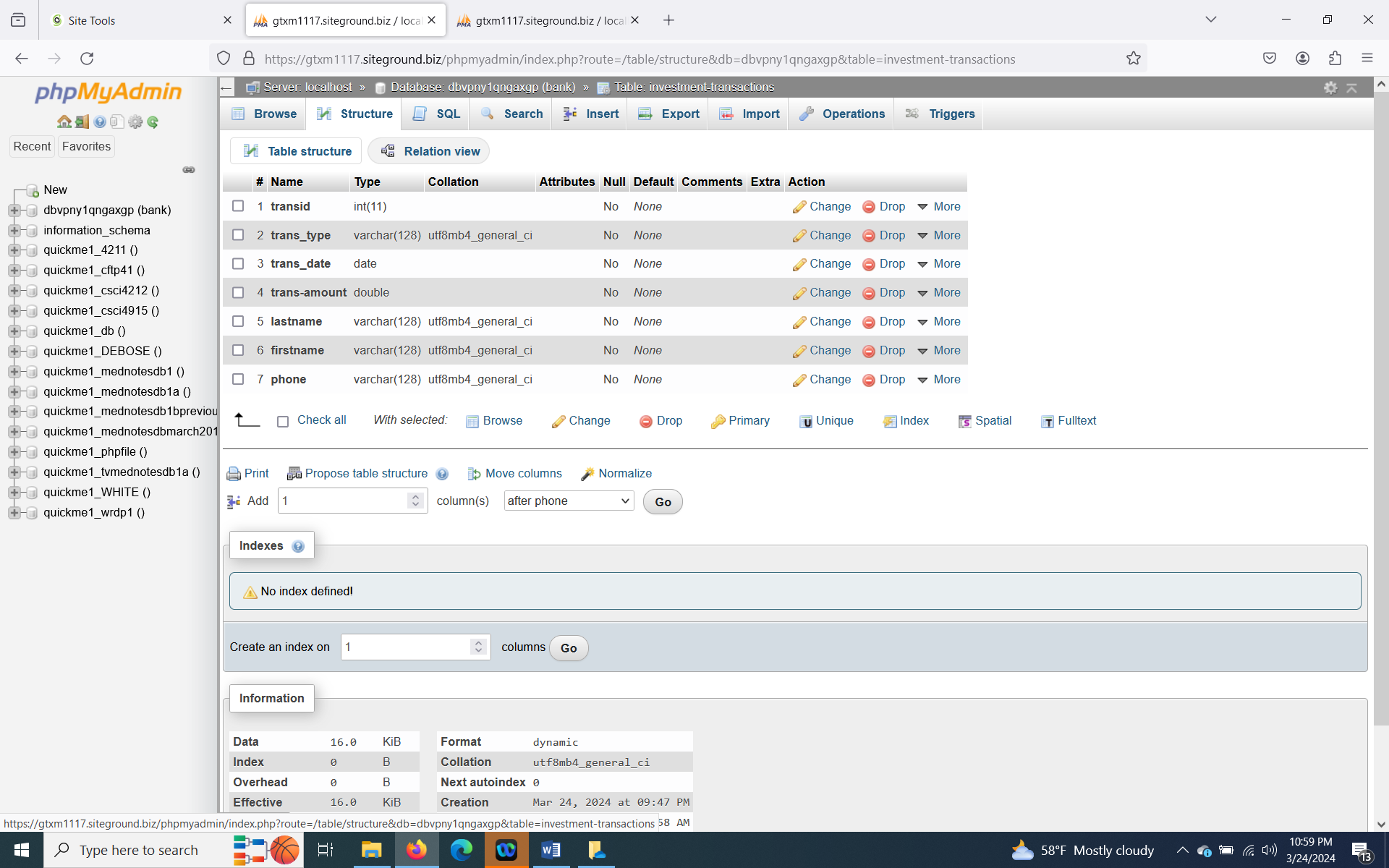


1. Investment -Table





Investment transactions Table





Create the following:

1. A Login system for ABC Bank
2. A logout system for ABC Bank
3. An Insert, update, display, delete and search operation for the Savings Table.
4. An insert, update, display, delete and search operation for the Checking Table
5. An insert , update, display, delete and search operation for the Investment Table

Please do the same for the Savings Transactions Table, Checking Transactions Table and the Investment Transactions Table.

Please note the following:

For checking there are three transactions

1. Deposit. The Deposit Transaction is added to the checking transactions Table. The balance is increased in the checking table by the amount deposited.
2. Withdrawal: The withdrawal amount is added to the checking table. The balance is decreased in the checking table by the amount withdrawn.
3. Transfer: The transfer amount is added to the checking transactions table. The balance is decreased in the checking table.

For Savings there are 4 transactions: Deposit, Withdrawal transfer and Interest Calculation. interest Calculation is done on the first of each month. New Balance = current-balance + current-balance \* interest-rate. Withdrawal, deposit and transfer are treated the same way as in checking.

For Investment, you cannot withdraw the money except after one year. You may however continue to deposit any time of the year. The Interest calculation is also monthly. New Balance = Current -balance + current balance\* interest -rate.

For each day, print out the summaries for checking, savings and investment banking, list all the transactions and the interest accrued.