# *Lethbridge Financial Banking System Proposal*

## CPSC 3660

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**Introduction**

Lethbridge Financial is opening a new bank. The bank requires a database system in order to keep track of customer, branch, and bank account information.

**Data Requirements**

Customer - Customer ID, name, email, phone number, birth date

Branch - branch ID, address, name, manager name

Bank Account - account number, balance, type, date opened,

A customer has one or more bank accounts.

A bank account is held at a branch.

**Operations/Functionality**

***Insert Operations***

Insert new Customer, Branch, and Bank Account.

***Delete Operations***

Can remove a Customer, Branch, and Bank Account.

***Update Operations***

Update information for a Customer, Branch, and Bank Account.

Bank account can be transferred to another branch.

***Multiple-entity query***

Customer Accounts - Display the list of accounts that a customer has.

Branch Accounts - Display the list of accounts that the Branch holds.

Bank Information - Display all information including customers, accounts and branch.