

# Banking Mini Project UML Diagram

## Summary

This project is divided into two collections of objects that can be classified pertain to 1) the project's mySQL database and 2) the command line application.

## Database Objects

These objects are sqlalchemy declarative base objects that directly relate to tables in the banking project. This includes

- Individual : Listing of all customers
- Account : Accounts held by customers
- Transaction : Events involving cash flows in a given account
- Employee: Listing of banking employees

## Application Objects

These objects pertain to the user facing command line application that allows for the creation of new members, querying of accounts, and executing transactions. This includes

- CredentialHandler : Manages the login screen for customers and employees, and handles creation of new member records and 3 accounts (checking, savings, credit card)
- CustomerCLI : This is the interface object for the customer available after logging in. This allows the user to see their account balances, withdraw from accounts, and deposit to accounts
- EmployeeCLI : This is the interface object for employees after logging in. Employees can run basic searches on customer usernames to view member details.

