Bank Data Storage Description

The account numbers and customer IDs are initially generated with a value of 1000 for every customer. However, they can be changed later in the account making process. They are generated when a bank object is created. The account numbers as well as the customer ID numbers will be stored in two separate vectors, which are then stored in a single vector. The customer and their ID are stored together in this vector so that they are linked together and can be accessed together. Accounts are linked to customers as they are stored within a vector as a single thing i.e., they are placed together in a vector. When an account is added the customer is placed within the account as the customer of the account. When the account is created the customers’ info is also added to the account info. This allows the account to be linked to that single customer. Transactions are linked to customers, when a customer goes to make a transaction it pulls their account ID out and then preforms the desired transaction for the account ID. It then stores the transaction in the transactions vector, which contains the history of transactions for the account.