



ITransactions	AccountOperations
void deposit(double amount) void withdraw(double amount) void transfer(Account a, double amount)	void insertAccount(Account a) void removeAccount(Account a) Account getAccount(int accountNumber) void showAllAccounts( )
CustomerOperations	EmployeeOperations
void insertCustomer(Customer c) void removeCustomer(Customer c) Customer getCustomer(int nid) void showAllCustomers( )	void insertEmployee(Employee e) void removeEmployee(Employee e) Employee getEmployee(int empId) void showAllEmployees( )

Account
int accountNumber double balance
void setAccountNumber(int accountNumber) void setBalance(double balance) int getAccountNumber( ) double getBalance( ) abstract void showInfo( )

Customer
String name int nid Account accounts[ ]
void setName(String name) void setNid(int nid) String getName( ) int getNid( )

Employee
String name String empId double salary
void setName(String name) void setNid(int nid) void setSalary(double salary) String getName( ) int getNid( ) double getSalary( )

FixedAccount
int tenureYear
void setTenureYear(int tenureYear) int getTenureYear( )

SavingsAccount
double interestRate
void setInterestRate(double interestRate) double getInterestRate( )

Bank
Customer customers[ ] Employee employees[ ]

Start
<p>The <b>Start</b> class contains the main method. Inside the main method the application prompts the user to choose among the following options:</p> <ol style="list-style-type: none"> <li>1. Employee Management</li> <li>2. Customer Management</li> <li>3. Customer Account Management</li> <li>4. Account Transactions</li> <li>5. Exit</li> </ol> <p>Upon choosing any of the option the user is given some further options to choose from:</p> <p><i>Options for Employee Management:</i></p> <ol style="list-style-type: none"> <li>1. Insert New Employee</li> <li>2. Remove Existing Employee</li> <li>3. Show All Employees</li> </ol> <p><i>Options for Customer Management:</i></p> <ol style="list-style-type: none"> <li>1. Insert New Customer</li> <li>2. Remove Existing Customer</li> <li>3. Show All Customer</li> </ol> <p><i>Options for Customer Account Management:</i></p> <ol style="list-style-type: none"> <li>1. Insert New Account</li> <li>2. Remove Existing Account</li> <li>3. Show All Accounts</li> </ol> <p><i>Options for Account Transactions:</i></p> <ol style="list-style-type: none"> <li>1. Deposit Money</li> <li>2. Withdraw Money</li> <li>3. Transfer Money</li> </ol> <p>The application will prompt the user to give input for the necessary values as per the choice. The application will repeatedly go on according to the user choices.</p>

**N.B. Violate color denotes Interfaces here**

**Orange color denotes Abstract Class**

**Others Are Concrete Classes**

**Has a Relationship, Inheritance, Interface implementation all represented in the Diagram**