- Create a Client
  - User fills out the client form in BankView and presses the "Create" button.
  - The createClientButton's action listener in BankView is triggered.
  - The createClientButton sends a createClient(firstName, lastName, email) message to the BankController instance.
  - The BankController sends a createClient(new Client(firstName, lastName, email)) message to the ClientDAO instance.
  - The ClientDAO interacts with the database, creating a new client.
  - Control returns back up the chain, with each method returning.

- Update a Client
  - User fills out the client form in BankView and presses the "Update" button.
  - The updateClientButton's action listener in BankView is triggered.
  - The updateClientButton sends an updateClient(client) message to the BankController instance.
  - The BankController sends an updateClient(client) message to the ClientDAO instance.
  - The ClientDAO interacts with the database, updating the client's data.
  - Control returns back up the chain, with each method returning.

- Delete a Client
  - User fills out the client ID field in BankView and presses the "Delete" button.
  - The deleteClientButton's action listener in BankView is triggered.
  - The deleteClientButton sends a deleteClient(id) message to the BankController instance.
  - The BankController sends a deleteClient(id) message to the ClientDAO instance.
  - The ClientDAO interacts with the database, deleting the client.
  - Control returns back up the chain, with each method returning.

- Create an Account
  - User fills out the account form in BankView and presses the "Create" button.
  - The createAccountButton's action listener in BankView is triggered.
  - The createAccountButton sends a createAccount(clientId, balance) message to the BankController instance.
  - The BankController sends a createAccount(new Account(clientId, balance)) message to the AccountDAO instance.
  - The AccountDAO interacts with the database, creating a new account.
  - Control returns back up the chain, with each method returning.

- Update an Account
  - User fills out the account form in BankView and presses the "Update" button.
  - The updateAccountButton's action listener in BankView is triggered.
  - The updateAccountButton sends an updateAccount(account) message to the BankController instance.
  - The BankController sends an updateAccount(account) message to the AccountDAO instance.
  - The AccountDAO interacts with the database, updating the account's data.
  - Control returns back up the chain, with each method returning.

- Delete an Account
  - User fills out the account ID field in BankView and presses the "Delete" button.
  - The deleteAccountButton's action listener in BankView is triggered.
  - The deleteAccountButton sends a deleteAccount(id) message to the `BankController
  - The BankController sends a deleteAccount(id) message to the AccountDAO instance.
  - The AccountDAO interacts with the database, deleting the account.
  - Control returns back up the chain, with each method returning.

- Get All Clients
    - User opens the application, triggering getAllClients() in BankController during initialization.
    - BankController sends a getAllClients() message to the ClientDAO instance.
    - The ClientDAO interacts with the database, fetching all clients.
    - The fetched clients data is returned to the BankController, which then updates the BankView.

- Get Accounts by Client ID
    - User selects a client in the BankView, triggering the getAccountsByClientId(clientId) in BankController.
    - BankController sends a getAccountsByClientId(clientId) message to the AccountDAO instance.
    - The AccountDAO interacts with the database, fetching accounts for the specified client.
    - The fetched accounts data is returned to the BankController, which then updates the BankView.