

# How to Access and Run the Application

## 1. Extract the Zip File

- Locate the downloaded Zip file and extract its contents to a desired location on your computer.

## 2. Run Service Registry

- Navigate to the extracted folder.
- Locate and run the Service Registry application. This typically involves executing a command or double-clicking an executable file, depending on the platform.

## 3. Run Config Server

Within the same folder, locate and run the Config Server application using similar steps as above.

## 4. Run Customer Service

Find the Customer Service application within the extracted folder.

Run the Customer Service application using the appropriate method for your platform.

## 5. Run Account Service

Similarly, locate and run the Account Service application from the extracted folder.

## 6. Accessing APIs in Postma

Open Postman application on your system.

## 7. Customer endpoints

1. **To add a customer:**
  - Send a POST request with customer data to: `http://localhost:8085/customer/add`
2. **To retrieve all customers:**
  - Send a GET request to: `http://localhost:8085/customer/getAll`
3. **To update a customer:**
  - Send a PUT request with updated customer data to:  
`http://localhost:8085/customer/update`
4. **To delete a customer:**
  - Send a DELETE request to: `http://localhost:8085/customer/delete/{custId}`
  - Replace `{custId}` with the actual ID of the customer you want to delete.

## 8. Account Endpoints:

1. Add Money to Account
  - URL: POST `http://localhost:8085/account/add-money`
  - Description: Adds money to the specified account.
  - Request Body: Account object containing `customerId` and `amount`.
  - Response: Returns the updated account details.

2. Withdraw Money from Account
  - URL: PUT `http://localhost:8085/account/withdraw-money`
  - Description: Withdraws money from the specified account.
  - Request Body: `WithdrawalRequest` object containing `accountNumber` and `amount`.
  - Response: Returns the updated account details.
3. Get Account Detail by Account Number
  - URL: GET `http://localhost:8085/account/get-detail/{accountNumber}`
  - Description: Retrieves account details by account number.
  - Path Parameter: `accountNumber` (Long)
  - Response: Returns the account details.
4. Get All Account Details
  - URL: GET `http://localhost:8085/account/get-all`
  - Description: Retrieves details of all accounts.
  - Response: Returns a list of account details.
5. Delete Account by Account Number
  - URL: DELETE `http://localhost:8085/account/delete/{accNumber}`
  - Description: Deletes the account by account number.
  - Path Parameter: `accNumber` (Long)
  - Response: Returns a message confirming the deletion.
6. Delete Accounts by Customer ID
  - URL: DELETE `http://localhost:8085/account/deleteByCustId/{customerId}`
  - Description: Deletes all accounts associated with the specified customer ID.
  - Path Parameter: `customerId` (Long)
  - Response: Returns a boolean value indicating whether accounts were successfully deleted.

**Note:**

- Replace {} placeholders in the URLs with actual values.
- Ensure that the application is running before making requests.
- For detailed information about request and response formats, refer to the codebase and documentation provided with the application.
- For any further assistance or troubleshooting, consult the developers or refer to the application documentation.