**CASE STUDY: Person Banking**

**Scenario:**

The proposed system will have the functionality of Internet Banking features. Internet banking will provide all the facility to customer to manage their profile and banking activity. Server can terminate client operations as well as it detects fraudulence. A client must first open account before he can use the system. The opening account involves the client providing his Personal information. A client can use accounts for deposit, withdraw, and transfer money along checking and saving account. Transfer money can be done in same account of same bank or third party transfer. The client can check the account status 24 hours a day. While doing any kind of transaction client must specify account and the amount details.

**Use Cases:**

**Account Holder**

1. Registration: For Account holder Generate unique account number and store details in the database.
2. Login:
3. Transfer Amount to another account.
4. View Mini Statement.
5. View account balance.
6. Request for mobile change.
7. Change password.

**Admin:**

1. Login
2. View Mobile change requests
3. Verify mobile change requests.
4. Add amount to any user.
5. Transfer amount from one account to another account.
6. Check Account balance of any account.

**Software Resources Required:**

React Js

Miroservice – Spring boot

Java Rest API services

Oralce/postrgress database

Micro Services

1

Admin UI

Web App

User UI

UI Lite

Micro Services

2

Java

-

Rest API

Integration

-

Messaging

Identity

&

Access Mngt

Mongo

/

Postgres SQL

DB

Identity

Store

Third Party Service

Email

/

SMS

Business

/

Service Layer

Data Layer

Logical Architecture