

# Technical Design Document

Project name: **LEO Bank(E-Wallet)**

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## Introduction:

LEO Bank is created to meet the needs of online banking system, with 1 actor Customer. The architecture implemented is Spring Boot and Angular.

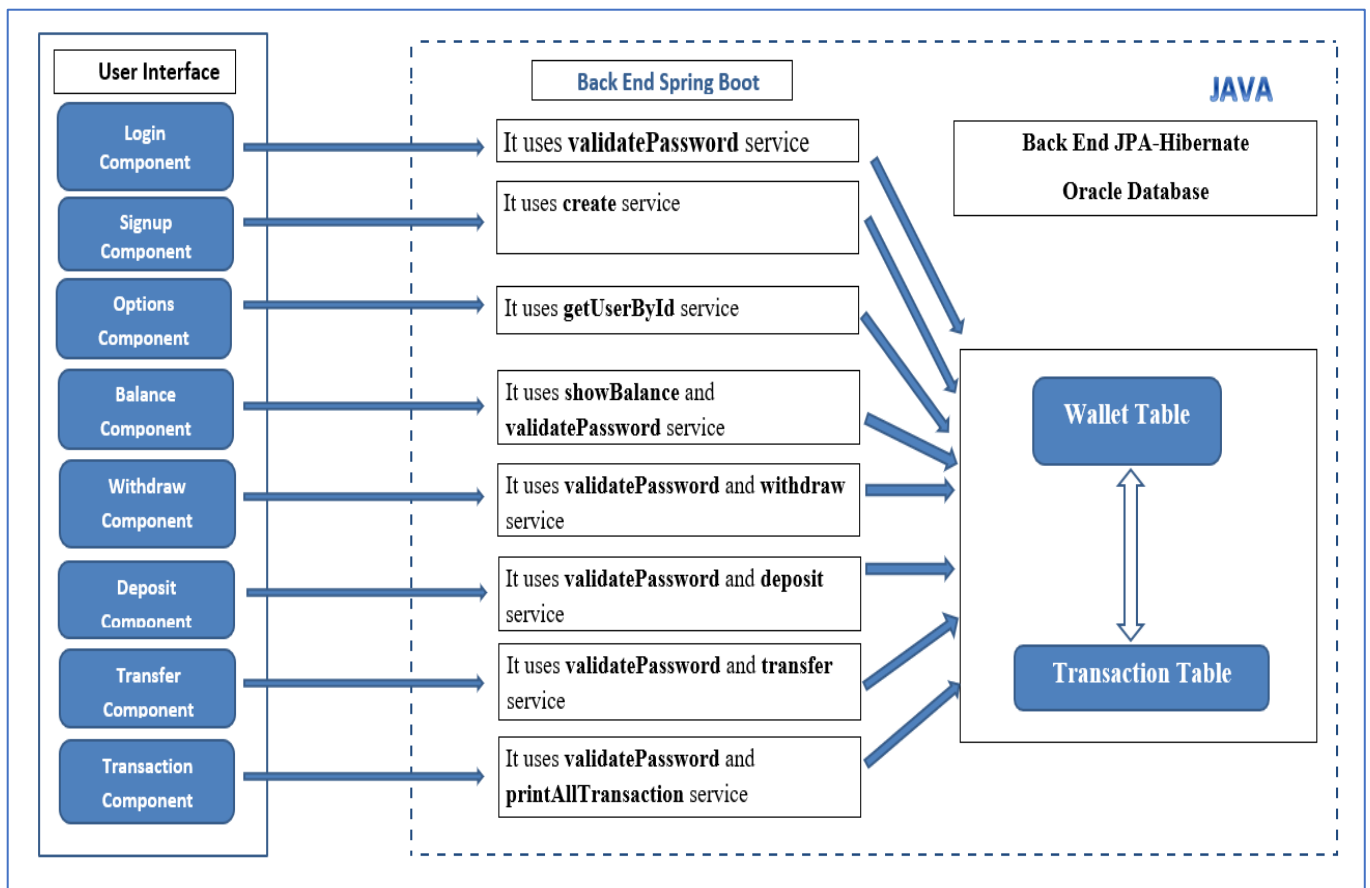
## Functional Requirements:

The functional requirements of the project are:

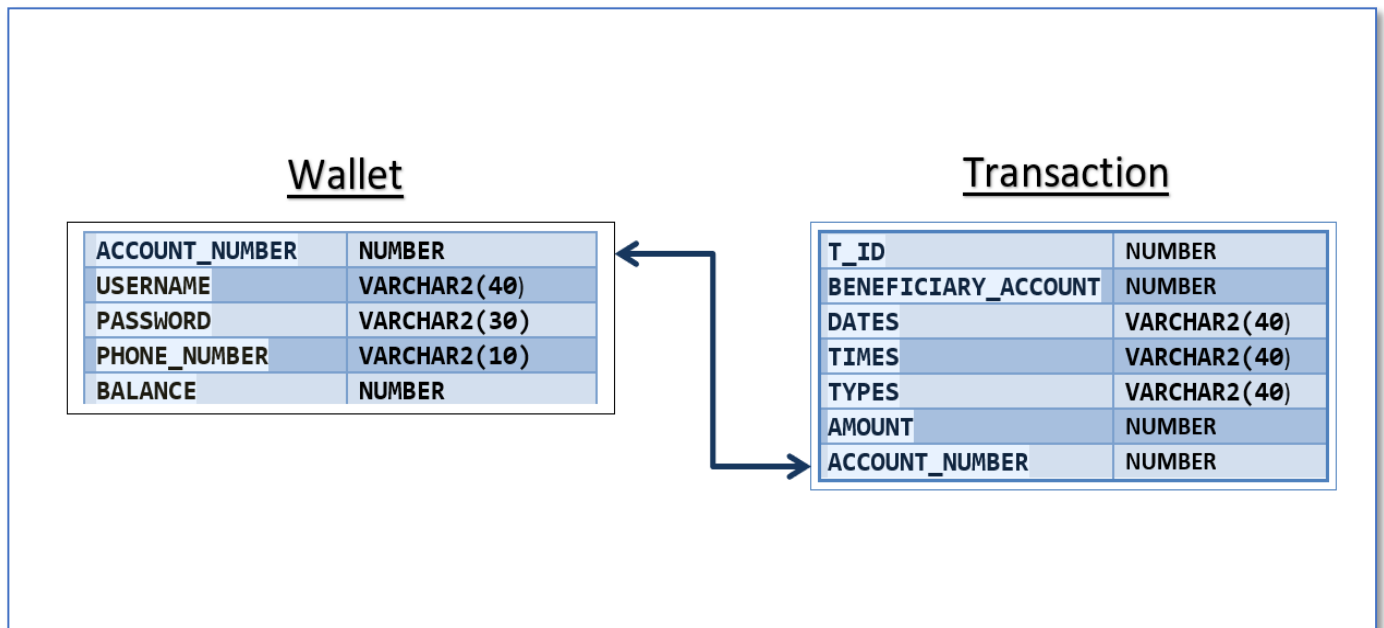
### **For the Customer:**

- Create an Account
- Deposit Money
- Withdraw Money
- Transfer Money
- Show Profile and Balance
- Check Transaction History

## Overall Architecture Diagram:



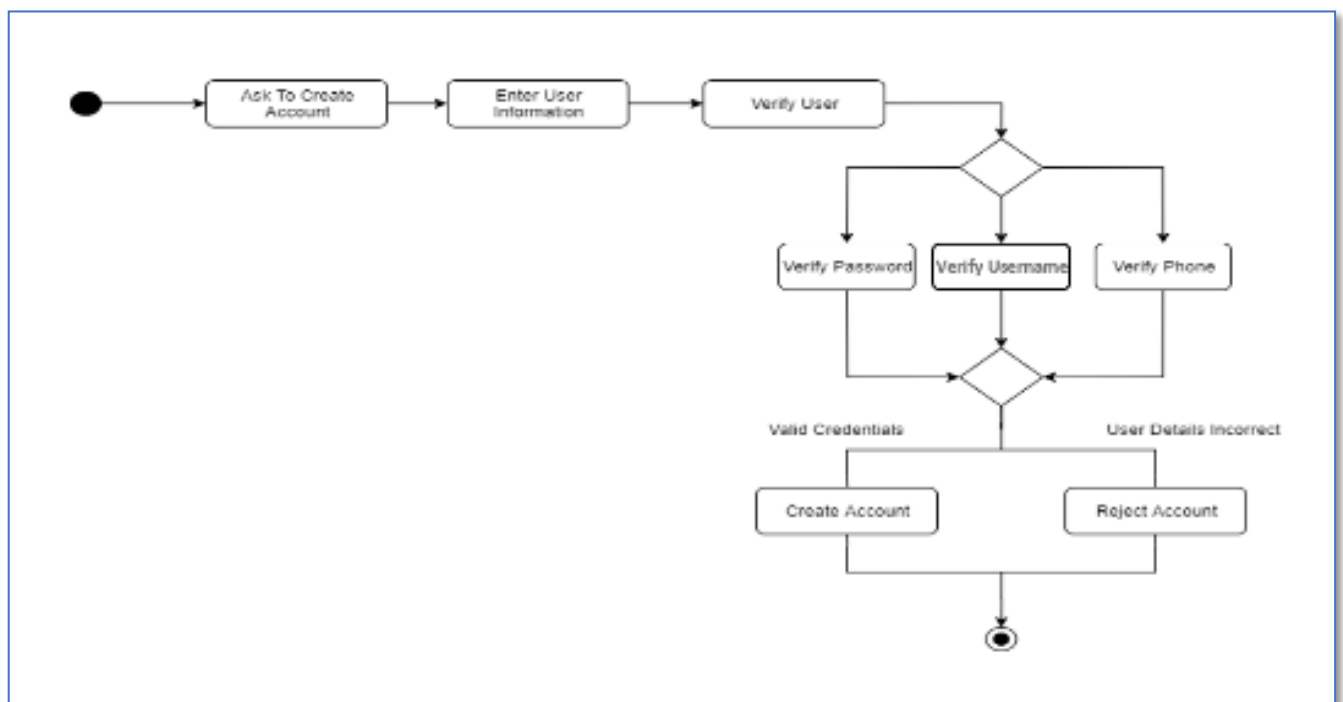
## Entity Relationship Diagram:



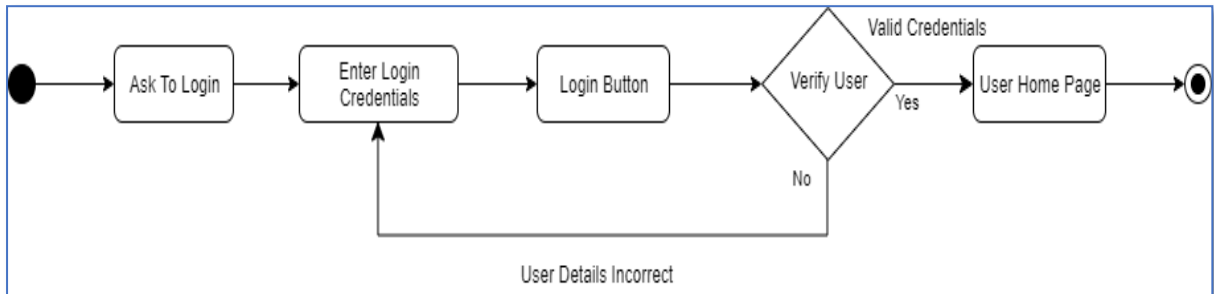
## Activity Diagrams:

### User Service:

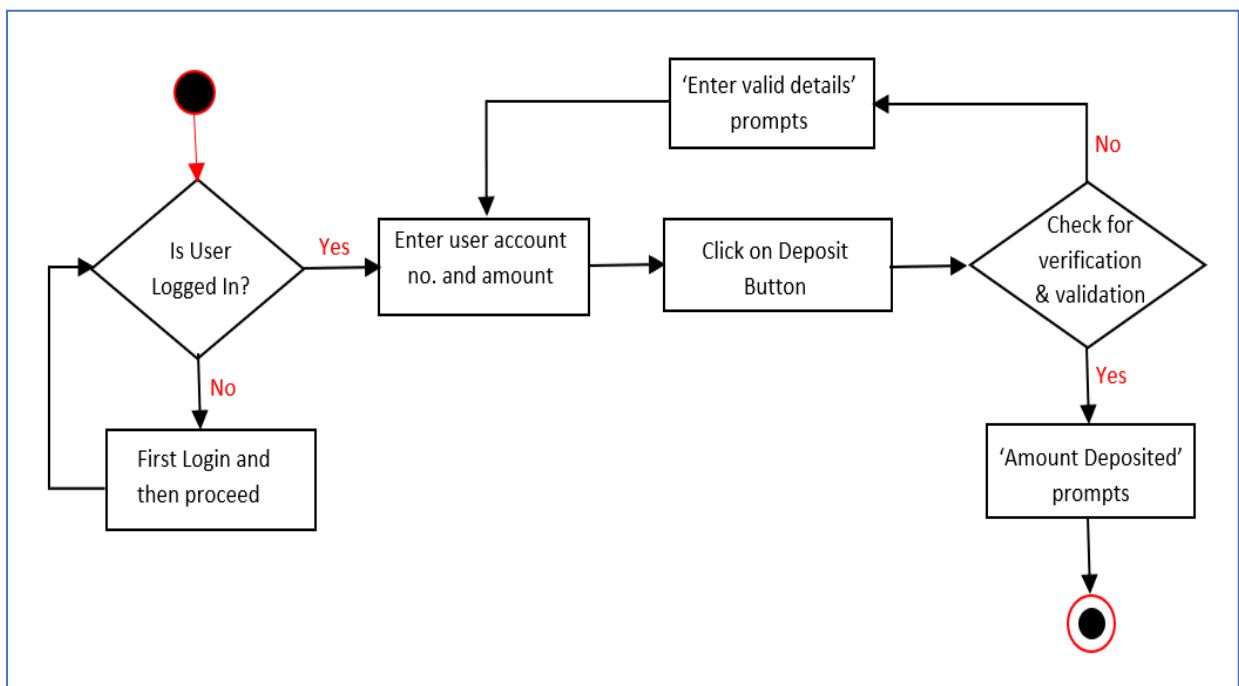
#### 1. Create Account:



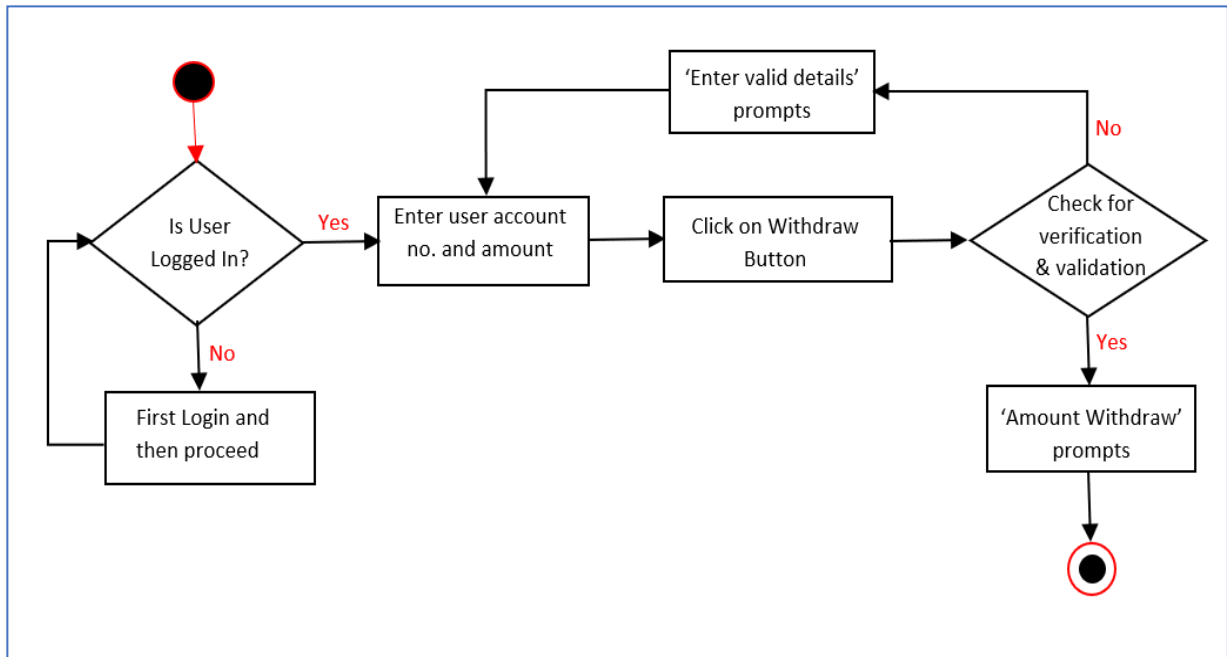
## 2. Login:



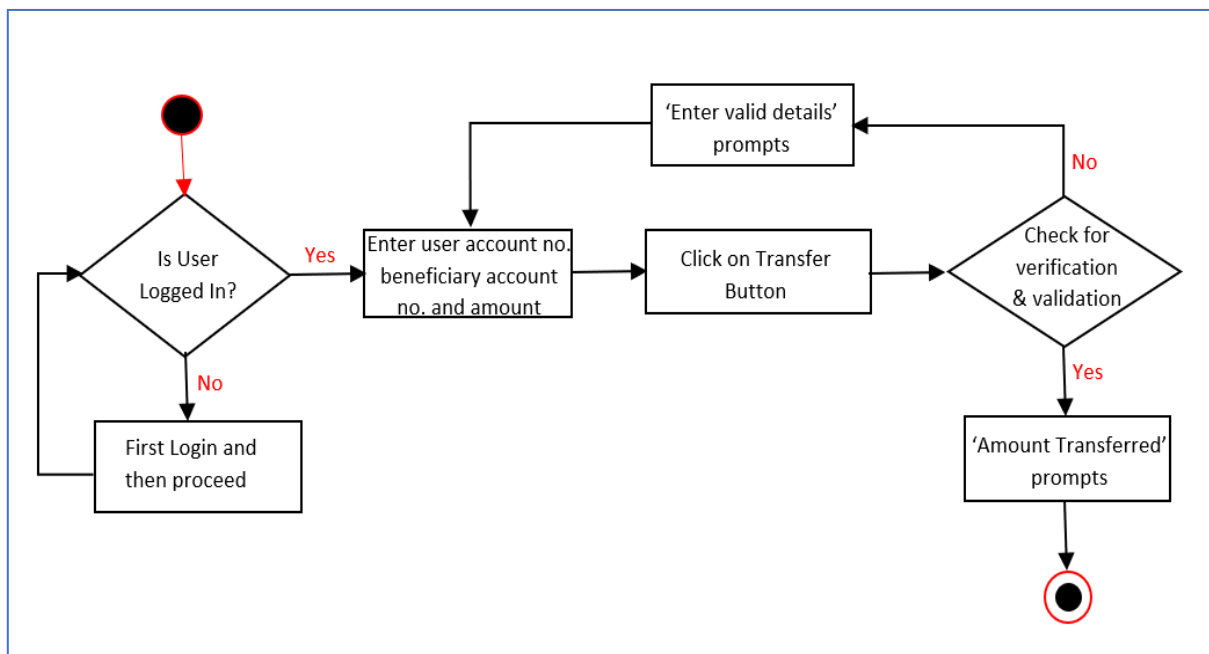
## 3. Deposit Money:



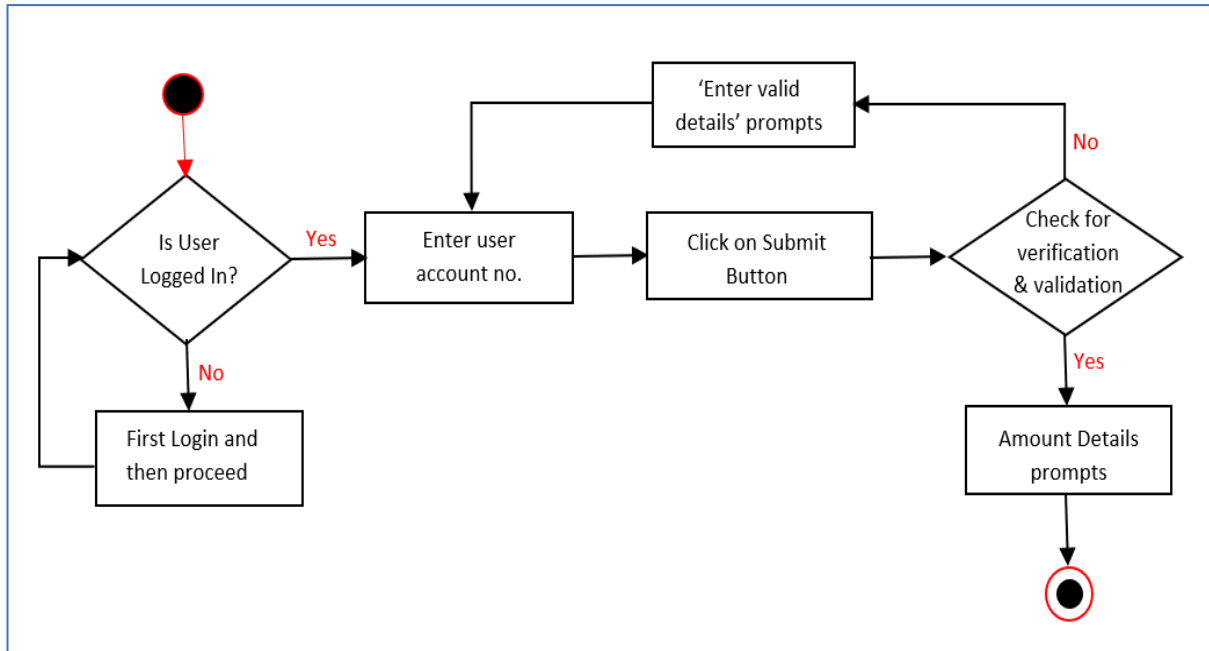
#### 4. Withdraw Money:



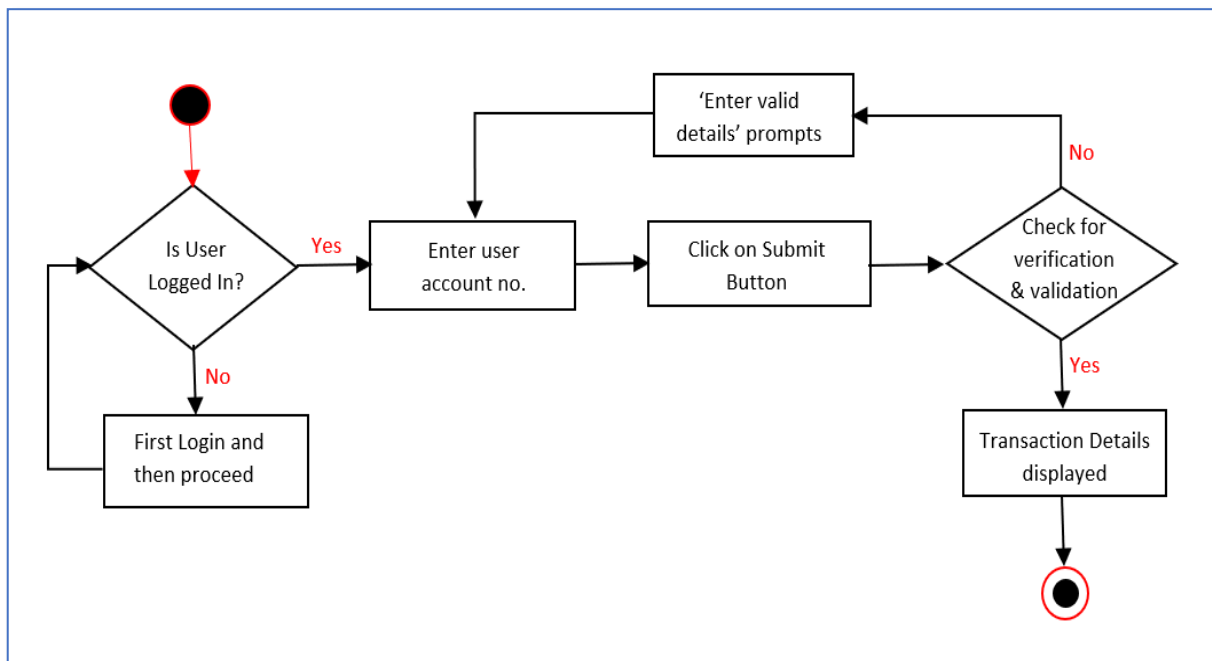
#### 5. Transfer Money:



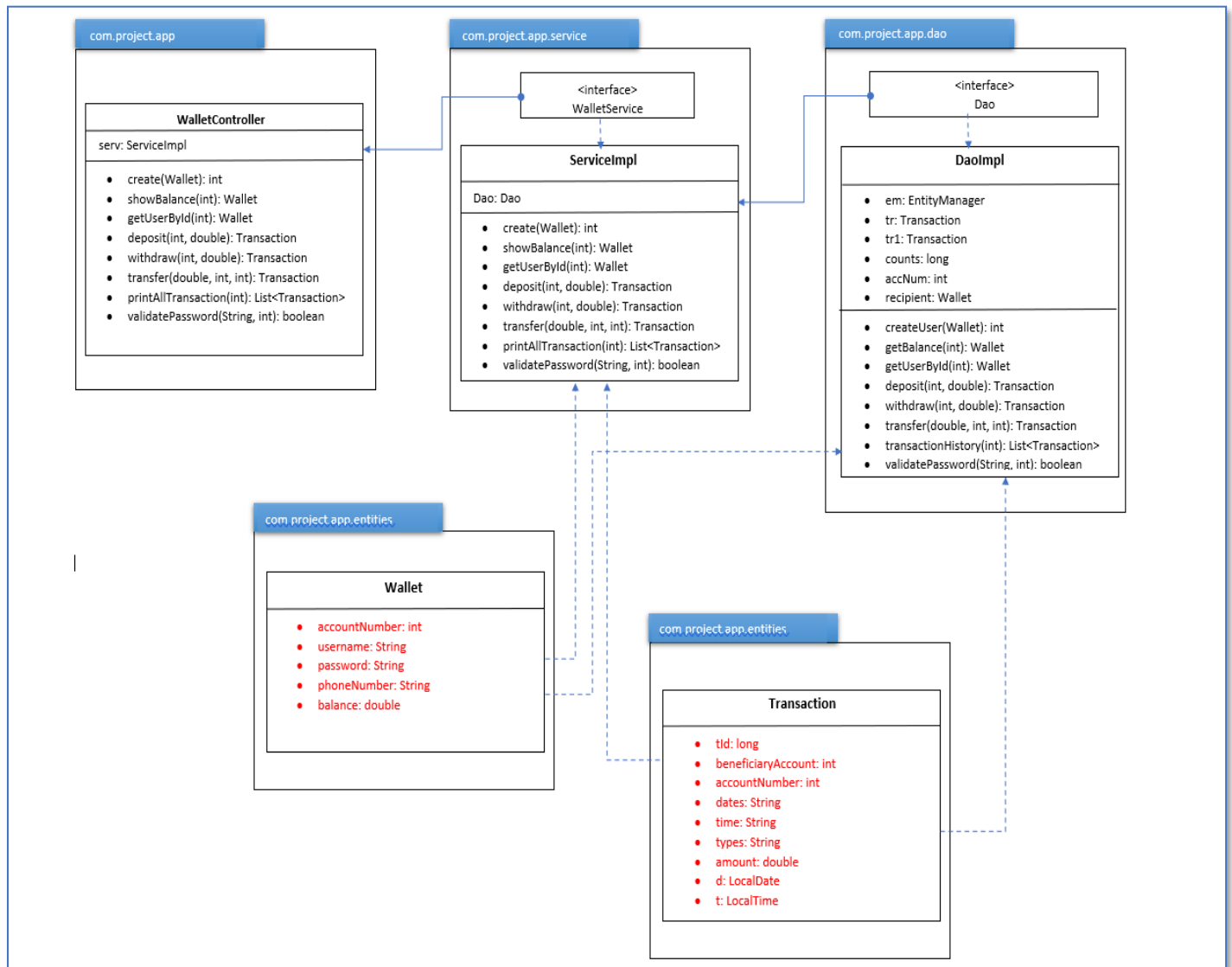
## 6. Show Balance:



## 7. Transaction Details:




## Class Diagram




## Wireframes

### User Service:

#### 1. Customer Login:


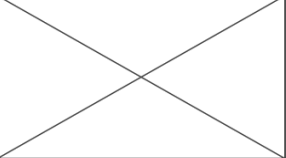

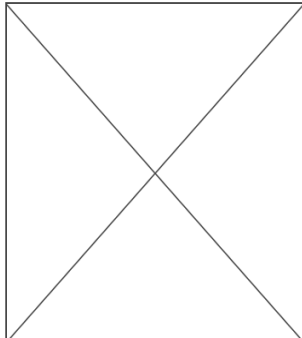
	Welcome to LEO Bank
<div><div>ACCOUNT LOGIN</div><div>Account Number</div><div></div><div>Password</div><div></div><div>Login</div><div>Cancel</div><div>Don't have an Account? <a href="#">Sign-Up</a></div></div>	

#### 2. Customer Sign-Up:


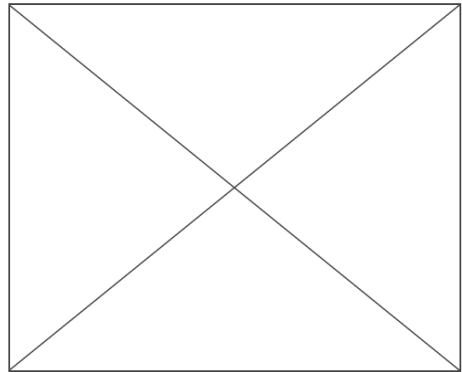
	Welcome to LEO Bank
	Home   Sign-Up   Login
<div><div>SIGN UP</div><div>Username</div><div></div><div>Password</div><div></div><div>Phone Number</div><div></div><div>Submit</div></div>	




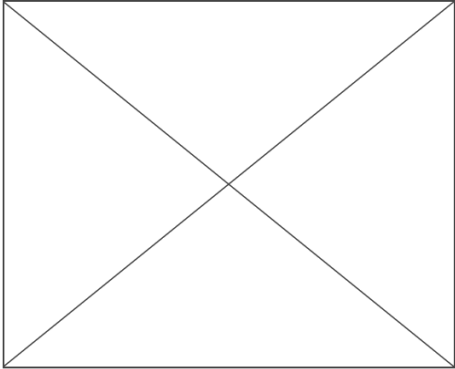
### 3. User Details:

	Welcome to LEO Bank	
	Welcome User <a href="#">Log Out</a>	
 <b>SERVICES OFFERED</b> DEPOSIT WITHDRAW TRANSFER BALANCE PRINT TRANSACTION	<b>USER DETAILS</b>	
		


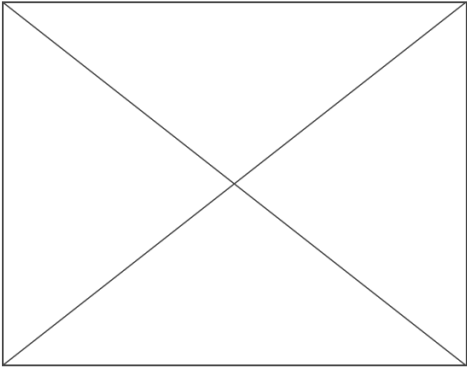
### 4. Deposit Money:

	Welcome to LEO Bank	
	<b>DEPOSIT</b>	
	Account Number	
	<input type="text"/>	
	Amount	
	<input type="text"/>	
	<a href="#">Submit</a>	
<a href="#">Back</a>		


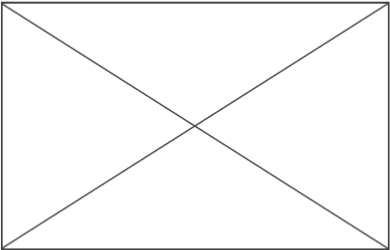
## 5. Withdraw Money:

	Welcome to LEO Bank
<div><div>WITHDRAW</div><div>Account Number</div><div><input type="text"/></div><div>Amount</div><div><input type="text"/></div><div>Submit</div></div> <div>Back</div>	


## 6. Transfer Money:

	Welcome to LEO Bank
<div><div>TRANSFER</div><div>Beneficiary Account Number</div><div><input type="text"/></div><div>Amount</div><div><input type="text"/></div><div>Account Number</div><div><input type="text"/></div><div>Submit</div></div> <div>Back</div>	

## 7. Check Balance:

	Welcome to LEO Bank
<div><div>CHECK BALANCE</div><div>Account Number</div><div><input type="text"/></div><div>Submit</div></div> <div>Back</div>	

## 8. Print Transaction:

	Welcome to LEO Bank
<div><div>PRINT TRANSACTION</div><div>Account Number</div><div><input type="text"/></div><div>Submit</div></div> <div>Back</div>	