**REQUIREMENT ANALYSIS AND UNDERSTANDING**

**E-Banking Solution**

**Objective**: This project is aimed at developing an E-Banking Solution. This is a web based application that can be accessed over the web. This system can be used for creating new account, fund transfer and viewing the current balance, complete bank statement. This is an integrated system that contains two user components, Admin component, Account Holder.

**Sign Up Module:**

Sign Up module is available only for Customer those who are not registered with the online portal of bank.

Basic functionality of module is as follows:

1. User can select the username, login password of his/her own choice.

2. Also he/she can select the transaction password arbitrarily provided it must be different from login password

3. Select the secret question as specified in the form and answer it accordingly.

4. Click on Sign Up button for successfully registration.

**Login Module:**

Login module is common for all the users of the system i.e. Administrator, Customer

Basic functionality of module are as follows:

1. Taking login credentials from the user.

2. If given credentials are wrong show appropriate message.

3. If login succeeds user will be navigated to their respective homepage as per the role.

4. Also the user can click on forgot password if he/she forgets his password by mistake.

When user forgets his/her password than he/she will receive an auto-generated random password.

**Open Account Module:**

If a user wants to open account then he/she will be asked to register.

User will be asked to enter the following details:

1. Full Name
2. Email-id
3. Residing Address
4. Permanent Account Number
5. Account Type

* Account Id will be generated automatically with the help of sequence.

Note: If the user has already opened his account than he/she will not see the open Account functionality.

Assumptions: A re-type password field is given to confirm password before registering.

**View Operations Module:**

If user has already opened his/her account than following functionalities will be shown to the user:

1. View Balance

2. Fund Transfer

3. Change Password

4. Change Address

* **View Balance**

User can see the bank statement of the transactions done by him/her. There are 2 options available:  
1. View Mini Statement:- This will show the last 10 transaction details order by date in descending order.

2. Detailed Statement: - This will show the complete transaction details done by user after account creation

The user can choose any of the above given as per his/her convenience.

* **Fund Transfer**

With this functionality user can send the money to another existing user by providing the following details:

1. Personal Account Id

2. Payee Account Id

3. Nickname

4. Amount

* **Change Password**

User can change his/her account password as per convenience. This will ask previous password for the validation of the user. If entered password doesn’t match with the existing password than the password will not change.

* **Change Address**

If user relocates than he/she can change residing address.