Hcl Bank App

Banking Application Using Spring MVC and Hibernate In this application there are types of users with different responsibilities. Those roles are:

> 1.Admin 2.Manager 3.clerk

1.Admin:

When a person logged in as an Admin means he can perform all the actions like add a new user, see all users, update the existing user, delete the user, create a new account, see all the accounts, update the account, delete the existing account, etc.

2. Manager:

Manager can also do some of the actions like he can transfer the money, deposit and withdraw and gives required approval also.

3.Clerk:

He is the person who can check all the transactions and get the transactions for individual account.

The modules in this Application:

- 1. welocme page: This is the starting page of the application which is redirecting to login page.
- 2.login page: Here the person need to login and that person role should be like Manager, Clerk and Admin. If credentials are correct means person will be entered into home page.
- 2. home page: Here based on the role of the person, the UI will be visible

4.add user: In this admin can add user with details like username, password, address, email and

phone number.

- 5. update user: Updating the existing user with details like username, password, email, phone and address.
- 6. delete user: deleting the existing user
- 7. Add new account: create a new account with the details like name, Aadhar Number, PANnumber, phone, email, address, balance, account type.
- 8. update account: An account can be updated with address only like we can change the address, phone and email of a particular account.
- 9. delete Account: deleting the existing account
- 10. show all accounts: This functionality will display all the accounts in the database
- 11. show all users: This will display all the users in the database including Admin, Clerk and Manager.
- 12. Deposit: Here money will be deposited into the account that specified in account id filed.
- 13. withdraw: Here money will be withdrawn from the account that specified in account id filed.
- 14. transfer: Here money will be transferred from the from Account that specified in from account id filed to the to account that is specified in to account id filed.
- 15. success page: When any Transaction completed means this success page will be returned and ask us to go to home page

Exception handlers:

- 1.404 page not found: here 404 UI page will be returned by saying some information and ask us to go to home page.
- 2.DataaccessException: In this page when any dataAccessException occurred means this page will return some information
- 3. AccountNotFoundException: If the account which is requested by the user is not exists, then this error is handled by this page and suggest us to visit home page.
- 4.UserNotFoundException: If the User is not existing, then this error is handled by this page and suggest us to visit home page.

Below are the some images of hcl bank app project:









