Step 1:


Download mysql and install

Username as root and password as 'admin'



Step 2:

Create database with the below commands


Create database internetbanking;

Use internetbanking;

create table customer(accountnumber int(14) primary key, name varchar(50), ssn varchar(11), customerid varchar(30) unique,email varchar(50), phone varchar(12), openingbalance double);


create table balance(accountnumber int(14), balance double, foreign key(accountnumber) references customer(accountnumber));


create table login(customerid int(14) unique, password varchar(40), role varchar(30), secretquestion varchar(150), secretanswer varchar(50));


create table loginhist(customerid int(14), date varchar(20), time varchar(30), foreign key(customerid) references login(customerid));


create table withdraw(accountnumber int(14) , destaccountnumber int(14), destaccountname varchar(40), bankname varchar(50), ifsc varchar(50),date varchar(40),description varchar(60),amount double,foreign key(accountnumber) references customer(accountnumber), foreign key(destaccountnumber) references customer(accountnumber) );


create table deposit(accountnumber int(14) , srcaccountnumber int(14), srcaccountname varchar(40), bankname varchar(50), ifsc varchar(50),date varchar(40),description varchar(60),amount double,foreign

key(accountnumber) references customer(accountnumber), foreign key(srcaccountnumber) references customer(accountnumber) );

create table loginadmin(username varchar(40) primary key, password varchar(40));

insert into loginadmin values('admin','admin');

Step 3:

Install eclipse and import the project

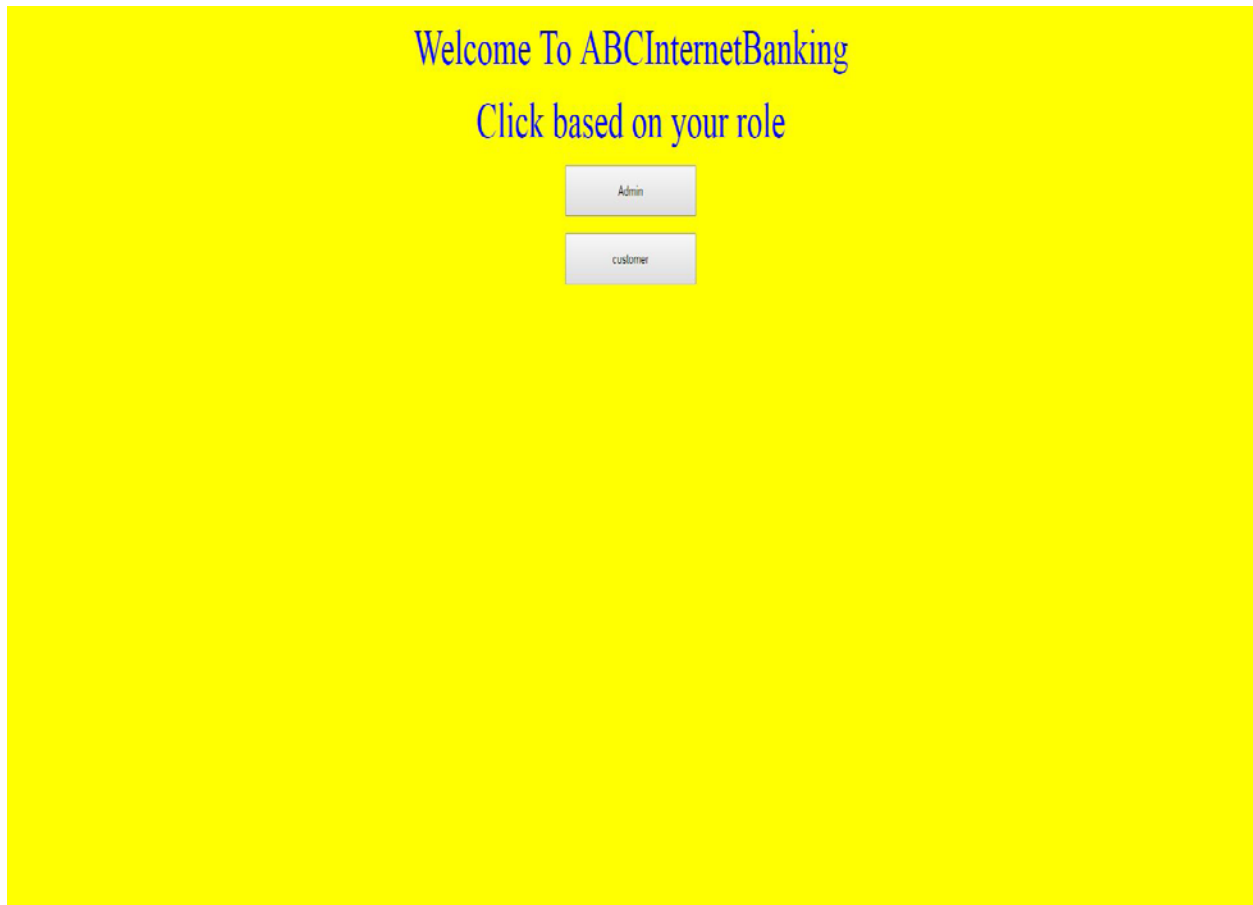Import as existing projects

The project structure should look like this

- netbanking
  - Deployment Descriptor: netbanking
  - JAX-WS Web Services
  - Java Resources
    - src
      - netbanking.dao
        - BalanceDAO.java
        - CustomerDAO.java
        - LoginDAO.java
        - TransactionDAO.java
        - TransferDAO.java
      - netbanking.db.connection
        - DBConnection.java
      - netbanking.pojo.dao
        - Balance.java
          - Balance
        - Customer.java
        - Login.java
        - LoginHistory.java
        - TransactionDeposit.java
        - TransactionWithdrawal.java
      - netbanking.pojo.ui
        - AccountOpeningVO.java
      - netbanking.queries
        - InsertQueries.java
        - SelectQueries.java
      - netbanking.servlet
        - AdminServlet.java
        - CustomerServlet.java
        - LoginServlet.java
          - LoginServlet
    - Libraries
  - JavaScript Resources
  - build
  - WebContent
    - META-INF
    - WEB-INF
      - lib
        - mail-1.4.7.jar
        - mysql-connector-java-5.1.18.jar
      - createcustomer.jsp
      - customercreatedetails.jsp
      - errorpage.jsp
      - homescreen.jsp
      - invalidlogin.jsp
      - secretquestion.jsp
      - secretquestionfirsttime.jsp
    - admin.jsp
    - customer.jsp
    - homepage.jsp

Step 4:

Download tomcat server install and add the project


Step 5:

Add the project in the server and hit the below url in the browser



Step 6:

Click on Admin button , the admin has capabilities of creating customer

The customer id, account number, password are auto generated


Below is the admin login screen type username 'admin and password 'admin'

# Welcome To ABCInternetBanking
# Admin Login

Username admin

Password •••••

Login

To Go to home page press this below
press here

Step 7:

Create customer by entering the details name,ssn,email,phone

## Welcome To ABCInternetBanking
## CREATE CUSTOMER

Username srinivasreddy

SSN srini322ewr

EMAIL rivasreddy@gmail.com

Phone +1-173234233

OpeningBalance 2311

Login

To Go to home page press this below
press here

Step 8:

The customer id, account number and the password are auto generated the admin should inform the customer and should mail him(automatic mail generation is planned for future)



**Welcome To ABCInternetBanking**

Please note down the details... Share account number, customer id and password to the customer .. Note : Username is customer id for netbanking login... a separate mail also sent to customer mail id.

customerid : 54323

AccountNumber :
12347

Balance : 2311.0

Password : 0iEJRw

Step 9:

Customer login the customer button in homepage



**Welcome To ABCInternetBanking**
**Customer Login**

Username 54323
Password ••••••••••
Login
To Go to home page press this below
press here

Step 10 :

For the first time customer login the customer should change their password and create a secret
question and secret answer

The secret question and secret answer password all these things the customer should remember always



Step 11:

On pressing create button again it goes to login page . Here the customer needs to give the new
password to proceed

# Welcome To ABCInternetBanking
# Customer Login

Username 54323

Password ••••••••

Login

To Go to home page press this below
press here

Step 12:

Once he gives login an  extra secutiry feature  has been implemented where he has to give his security question and its answer

**Welcome To ABCInternetBanking**

**Welcome srinivasreddy. Choose your secret question and answer to proceed**

**Secret Question**

[ Your best childhood friend ▾ ]

**Secret Answer**

[ John ]

[ Login ]

To Go to home page press this below
press here

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Step 13:

If the security question and the answer matches correctly then his account page is shown with his name,

Account number and his balance

**Welcome To ABCInternetBanking**

**Welcome srinivasreddy**

**AccountNumber :**
**12347**

**Your Current**
**Balance : 2311.0**

To Go to home page press this below
press here

Step 14:

If the login credentials are not correct either the first step username/password or the security question

In either case

It displays an error page the user can click on the 'press here' link to go to home page again

Welcome To ABCInternetBanking

Invalid Credentials.. Please check your username or password press here to go back

To Go to home page press this below
press here