**INTERNET BANKING**

**BY**

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**Introduction:**

This project aims at creation of a secure Internet banking system. This will be accessible to all customers who have a valid User Id and Password. This is an approach to provide an opportunity to the customers to have some important transactions to be done from where they are at present without moving to a bank. In this project we are going to deal with the existing facts in the bank i.e. the transactions which take place between customer and bank. We provide a real time environment for the existing system in the bank. We deal in the method transaction in the bank can be made faster and easier, that is our project is an internet based computerized approach towards banking.

**Requirements:**

**Hardware Requirements:**

* Computer

**Software Requirements:**

* NetBeans(IDE)
* Apache Tomcat (Server)
* MySQL(DataBase)
* Servlets
* JSP

**NetBeans:** NetBeans is an integrated development environment (IDE) for Java. NetBeans allows applications to be developed from a set of modular software components called *modules*. NetBeans runs on Windows,  macOS, Linux and Solaris. In addition to Java development, it has extensions for other languages like PHP , C , C++ , HTML.

**Apache Tomcat:** It is an open-source implementation of Java Servlets,Java Server Pages.It acts as the server.

**MySQL:** It is used to store the data in the form of rows and columns.

**Servlets:**

**Modules**

1. **Login/Registrationpage**:It enables the user to login into his account for further operations.The user id and password has to be provided.In case of registration page the user has to give username,back account number,email id,password which is required for loging in.As soon as the user enter his/her credentials and click on login if the credentials are match with those which are in data base then home page will be displayed or else a prompt with invalid password or username is displayed.
2. **Home page​**: After successful login it redirects the user to this page. It has various tabs like account summary, transaction, funds transfer etc.
3. **Account summary​**: This page gives the information like account number, account holder name, balance etc.

The above detalis are fetched from the data base and displayed on to the browser in specific format.

1. **Transactions**​: This page is the online version of traditional bank Passbook where the user can view his recent transactions to whom and when the money was transferred or received.
2. **Funds Transfer​**: It allows you to send money to any bank account using account number and IFSC code.Transfer is done if and only if the receiver has account in our bank. The amount is debited in the senders account and receiver account is credited these are reflected in database.
3. **Request/Change​**: Here the user can request for changes in his account details like linked phone number, E-Mail , password etc. Based on the user request the changes are updated in the database in the respective fields.