JAVA PBL

Topic : BANKING SYSTEM

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Abstract :

This software will be provided as a tool to the BANK. The BANK has been working for Confidential Accounts information , Withdrawal, Deposit amount. In this Software you can keep record for daily Banking transactions. All the data is stored in a confidential manner. THE OBJECTIVE is to prepare a software or application, which could maintain data & provide a user friendly interface for retrieving customer related details just in few seconds, with 100% accuracy. Software is completely computerized, so it is not time consuming process. No paper work required & can be implemented further.

Keywords: Banking System, Transaction, Withdraw, Deposit, Check Balance

Objective :

The objective & goals of the proposed system are :-

To allow only authorized user to access various functions and processed available in the system. Reduced clerical work as most of the work done by computer. Provide greater speed & reduced time consumption. To increase the number of A/C and customer. This will reduced the manual workload and give information instantly.

Project description in short :

Basically, this project is based on the crucial system i.e. Banking system.This banking system consist of account holder's information and through this one can withdraw and deposit amount from his/her account.The main part in this system is the maintenance of database.The data is stored in a confidential manner so that no one can access any other's data. **MYSQL** is used for database maintenance and **Swing (Java)** is used for designing GUI.Concept of **JDBC connectivity** is used.Here, for maintaining database effectively we have used concurrent server mechanism that means the server iterates through each client and serves one request at a time. Alternatively, a server can handle multiple clients at the same time in parallel, and this type of a server is called a **concurrent server**.

Hardware Requirements :

- ✓ Processor : Pentium 4 or above
- ✓ RAM : 1 GB (min)
- ✓ Hard Disk : 1 GB (min)
- ✓ Screen : Any

Software Requirements :

- ✓ Operating System : Windows or Linux
- ✓ Front end tool : JAVA, Swing
- ✓ Back-end tool : MYSQL
- ✓ S/W development kit : java JDK version

Code Repository Link :

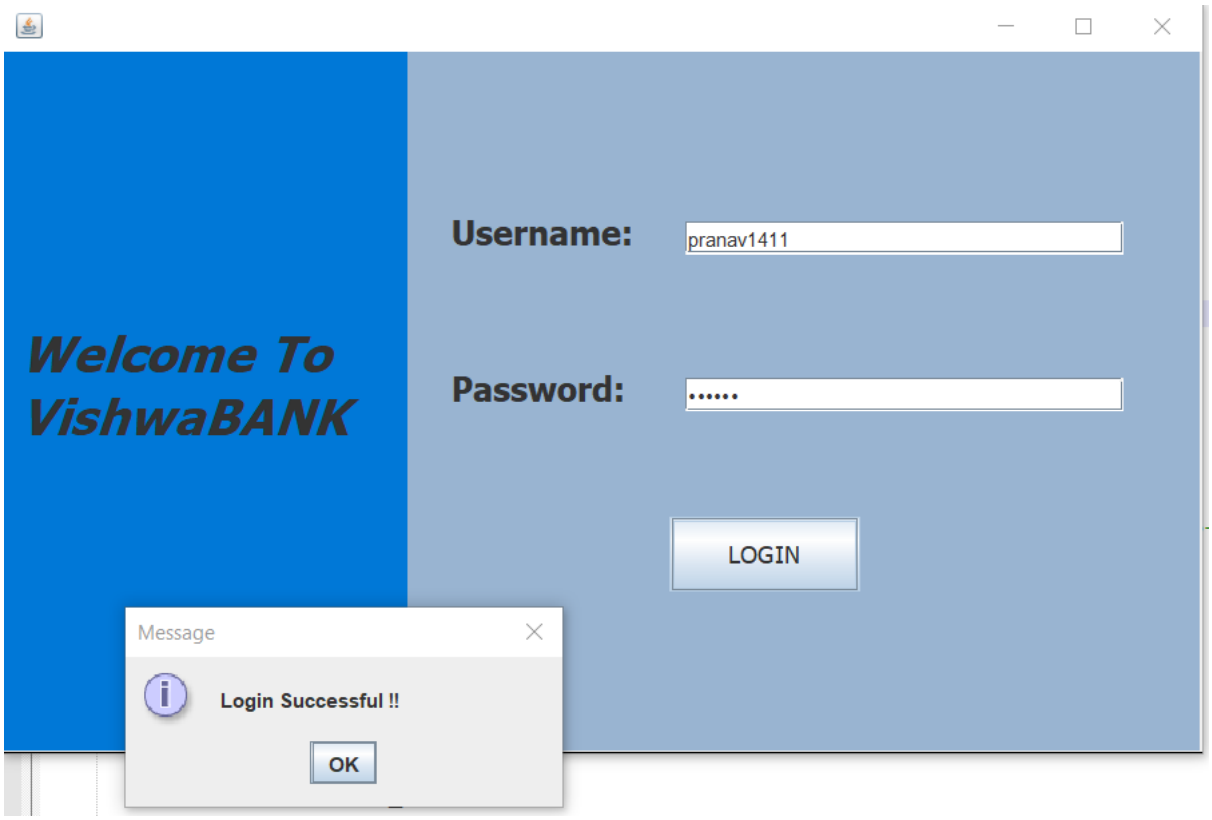
https://github.com/Pranav-Wagh/Java-Banking-system-PBL

Output :

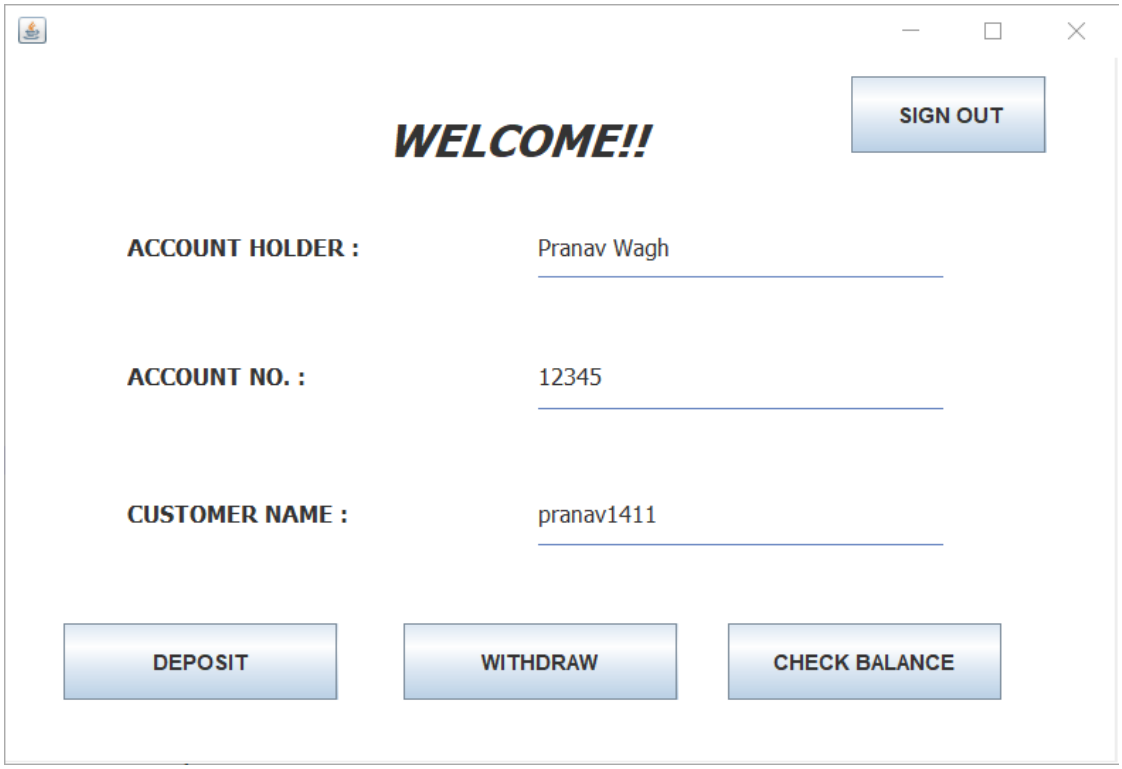
✓ MYSQL Database:

```
mysql> use pbl;
Database changed
mysql> select * from bank_db;
+---------------+-----------+-----------------+--------+--------+
| cust_nm       | pass      | full_nm         | acc_no | bal    |
+---------------+-----------+-----------------+--------+--------+
| pranav1411    | girerm    | Pranav Wagh     |  12345 | 100000 |
| digvijay1703  | uzxmzarp  | Digvijay Pawar  |  22345 |  99500 |
| harshal1999   | yrijyrc   | Harshal Humne   |  32345 |  99000 |
| samruddhi2804 | jrdiluuyz | Samruddhi Desai |  42345 |  99999 |
| jeet2003      | avvk      | Jeet Kansagara  |  52345 | 100000 |
+---------------+-----------+-----------------+--------+--------+
5 rows in set (0.00 sec)
```

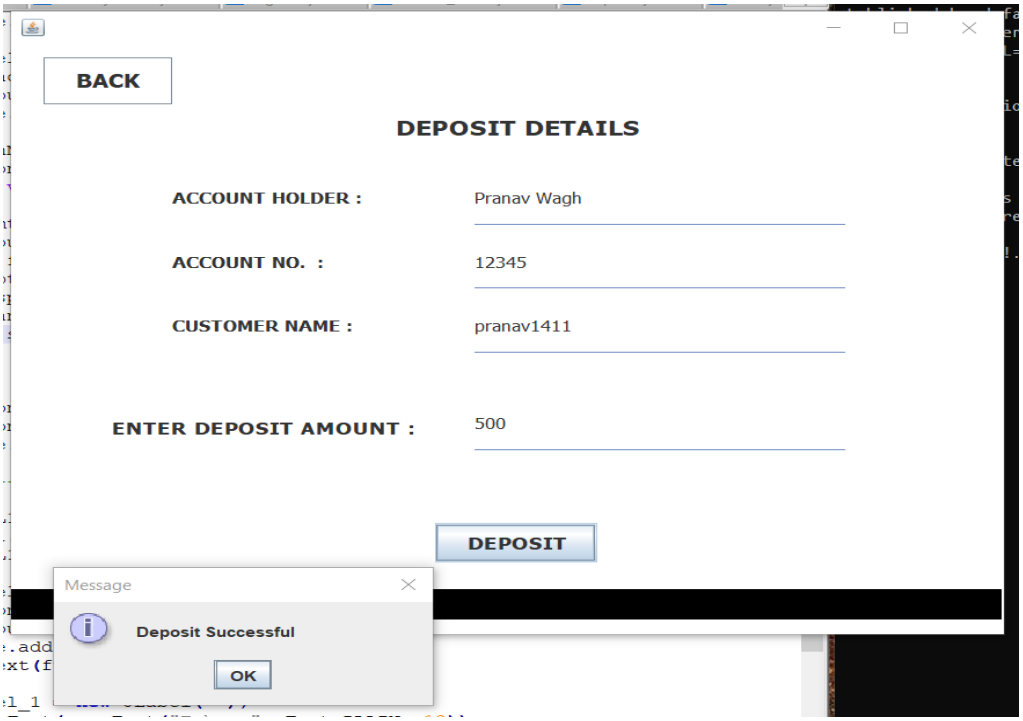
✓ Login Page :



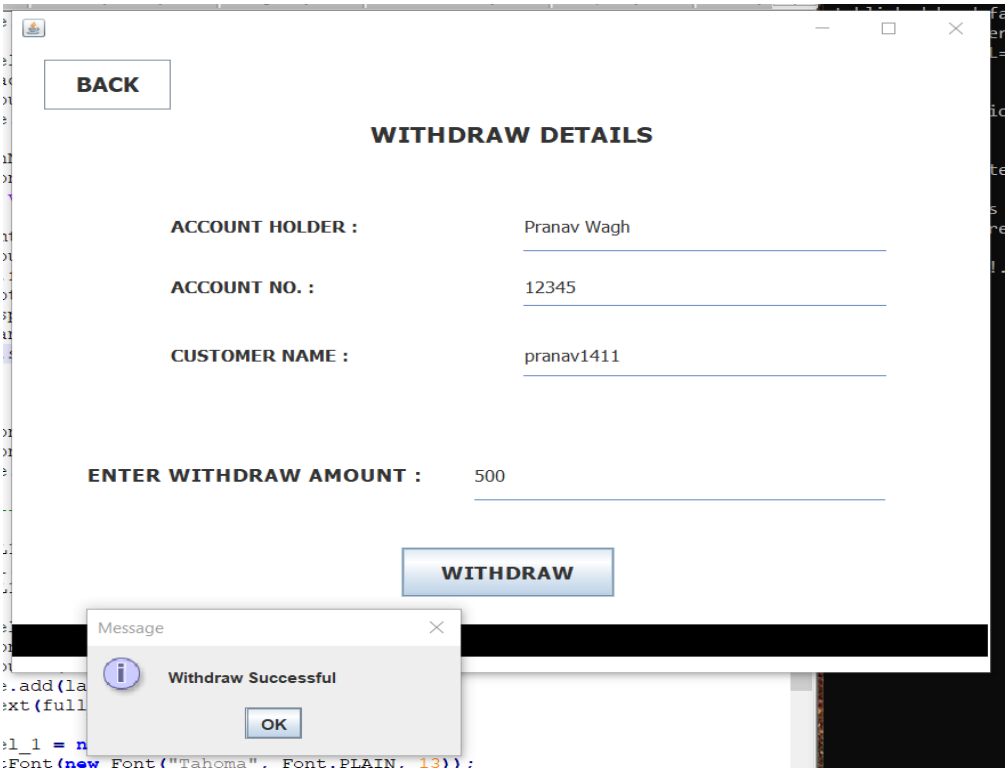
✓ Information page of Account Holder



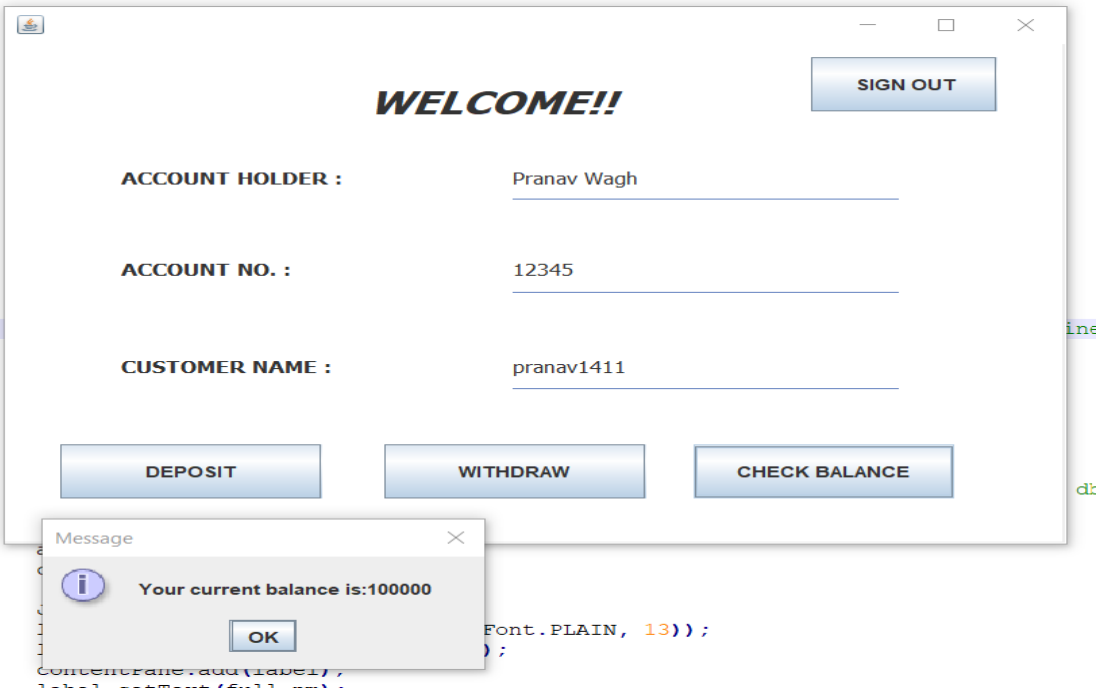
✓ Deposit page :



✓ Withdraw Page :



✓ Check balance :



✓ CMD Prompt Execution :

Conclusion :

This Banking System project will serve as a useful approach to data base dialog box to deposit and withdraw the money for the person. It serves as a helpful approach for the users. It provides easy way of the deposit and withdraws the money.

Thus the project is the user friendly approach.