JDBC ASSIGNMENT
REPORT MADE BY
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SUBSCRIPTIONS MANAGEMENT SYSTEM

The main aim of developing this system is to manage subscriptions of a people using different services like Electricity, WiFi and Mobile Connection. When registering the user there is an option of the subscriptions the user wants. It can be a single or a combination of subscriptions. Using this system the admin can manage subscriptions of different services with ease and perform CRUD operations on particular user or group of users. They also have the option of exporting data of individual group of users or all data.

Using this System there is also efficient login service which authenticates the admin. This is used to help the users in the modern times in the age of the internet.
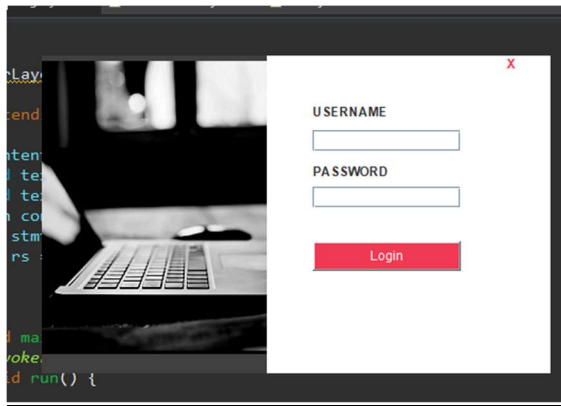
Main features of the system:

- Prepared Statements
- Stored program
- CRUD and data visualization
- JOIN in tables to display data
- Layered Panel for easy access
- All data export option
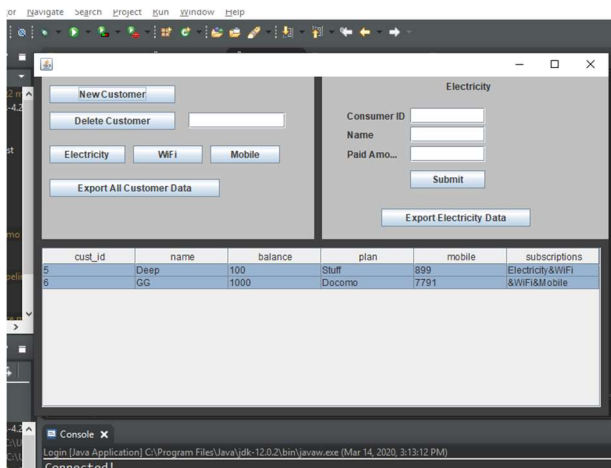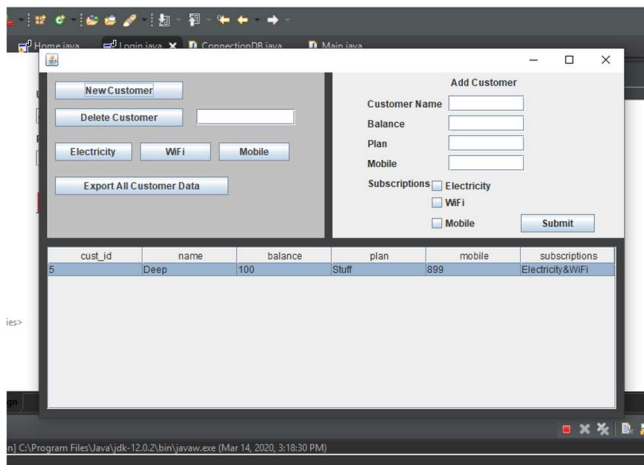- Exporting of various user details into .csv Excel files

SNAPSHOTS

Login Frame

Admin View

Insert record

Update Record

Delete Record

Search View

<u>CONCLUSION</u>

The subscription management system helps us to efficiently manage user subscriptions and the user data itself for better visualization and better management of the user and the subscriptions and is very helpful using the power of MySQL database and JDBC Java application to provide an end system which has quality management and is helpful for the users to see their balance and for the admin to manage the subscriptions and payment details of the user. Thus keeping track of details like WiFi subscription, Electricity and Mobile plans and the account balance to manage subscription.

<u>Learnings from this project:</u>

The learnings of this project are:

- JDBC Connection
- Using Java export features
- CRUD operation
- SQL statements
- Window Builder GUI
- MySQL database management
- Data Visualization