Electricity Billing System

**Abstract: the aim of our project is to develop a system that is meant to computerize the work performed in the Electricity bill, record of consuming unit of energy, store record of the customer and previous bills.**

INTRODUCTION

Electricity Billing System is an application developed in Java programming language. The project aims at serving the department of electricity by computerizing the billing system. It mainly focuses on the calculation of Units consumed during the specified time and the money to be paid to electricity offices. This computerized system will make the overall billing system easy, accessible, comfortable and effective for employees.

1. OBJECTIVE

The firm handles all of the work manually, which is very tedious and mismanaged .The objective of our project is as follows:

1. To keep the information of Customer.
2. To keep the information of consuming unit of energy of current month
3. Can add new customer
4. We can generate bill
5. Paying bill
6. It promotes eco friendly environment minimizing the use of paper
7. IMPLEMENTATION

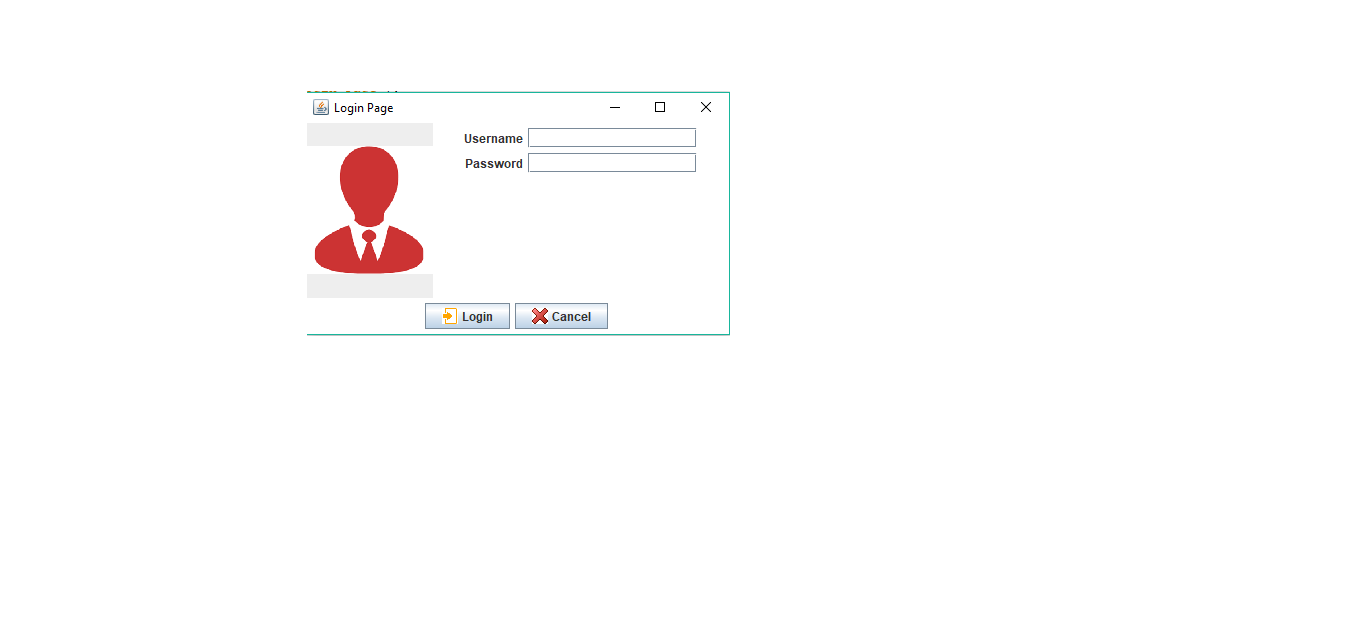
We have used Java Programming language for this project. We have used Net Beans 8.2 IDE. My SQL is used for Database.

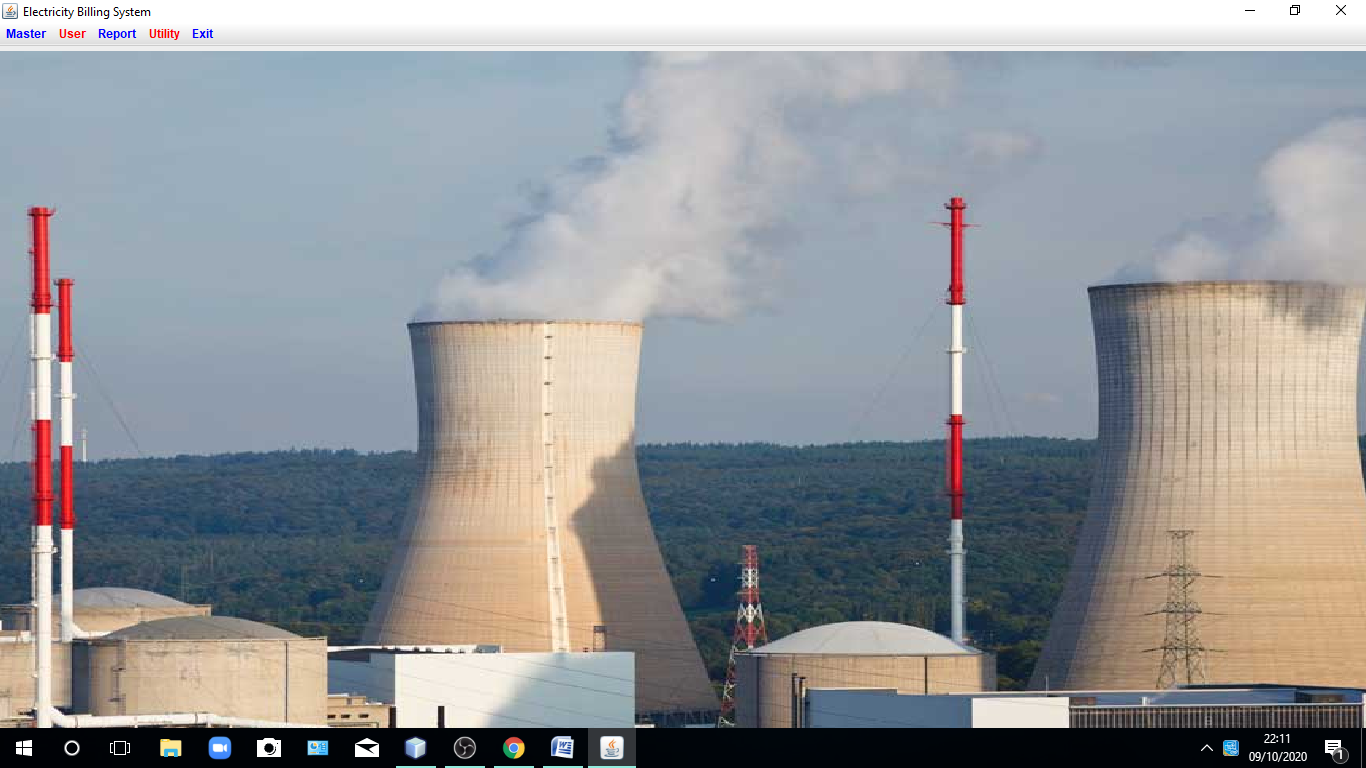
Firstly the employee needs to login in the system, after that he can add consumers, know their details, can generate and also accept payment.

1. Features:
   * -To make the billing system more service-oriented and simple, the following features have been implemented in the project.
   * The electricity billing software calculates the units consumed by the customer and makes bills.
   * It has the provision of security restriction.

* It requires small storage for installation and functioning.
* We can access details of consumer any time.
* We can accept the payment

Login Terminal:

Application Preview:

******

1. CONCLUSION:

A new software system to modernize the electricity billing procedure is required. This electricity billing system project would replace the existing traditional and analog type of electricity billing system ensuring security, ease and comfort in billing. It meets the current user demands, and new features can be easily integrated into the system in future as per user requirements.