



To Implement Sutherland Hodgeman Polygon Clipping Algorithm

PARSHVANATH CHARITABLE TRUST'S

A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering

Data Science

Title of your Project

Electricity Biling System

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ELECTRICITY BILLING SYSTEM

Introduction

1. To develop an online system to manage electrical billing for the administrator and customer.
2. To collect the power consumption information and integrate with centralized database system.
3. To calculate the electrical bill and generate a report on the power consumption information through online.
4. It maintains the information about the personal and official details of the bill

ELECTRICITY BILLING SYSTEM

Objectives

1. The primary objective of the Electricity Billing System is to keep track of invoices, customers, units, connections, and consumption. It keeps track of all bills, readings, purchases, and payments.
2. To build a user friendly and save mobile application.
- 3.To provide full functional reports to management of electricity billing.

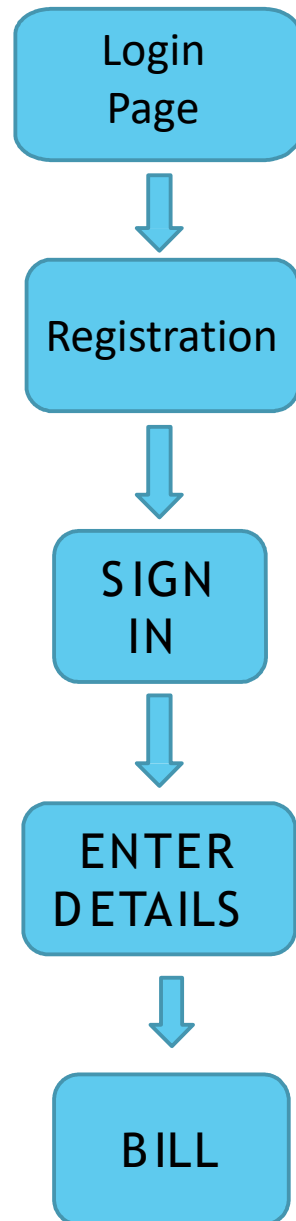
ELECTRICITY BILLING SYSTEM

Feature

1. Provides the searching facilities based on various factors.
2. The transactions are executed In off-line mode , hence online data for Electricity , Bill capture and modification is not possible.
3. It tracks all the information of Bills, Electricity Board , Store Record .
4. To increase efficiency of managing the electricity bill.

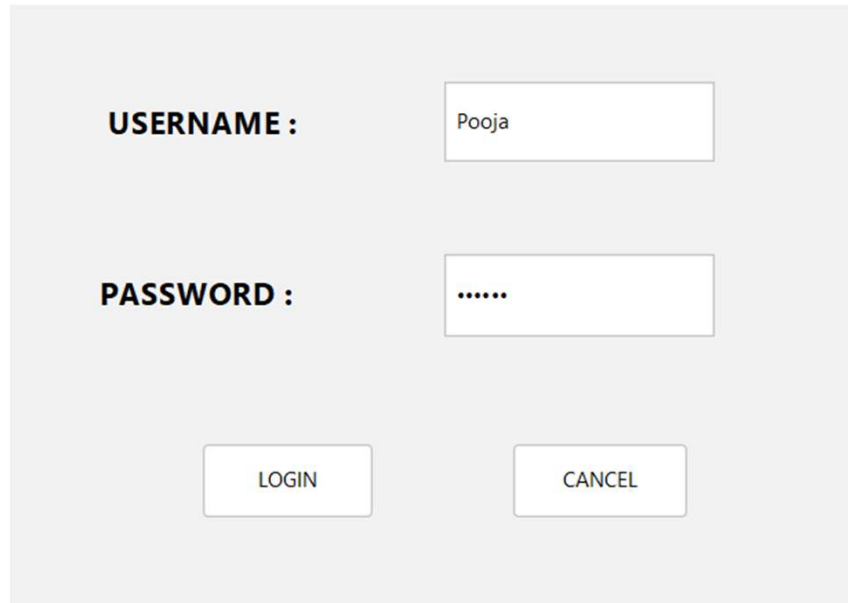
ELECTRICITY BILLING SYSTEM

Block Diagram/ Flow diagram



ELECTRICITY BILLING SYSTEM

Output of Project



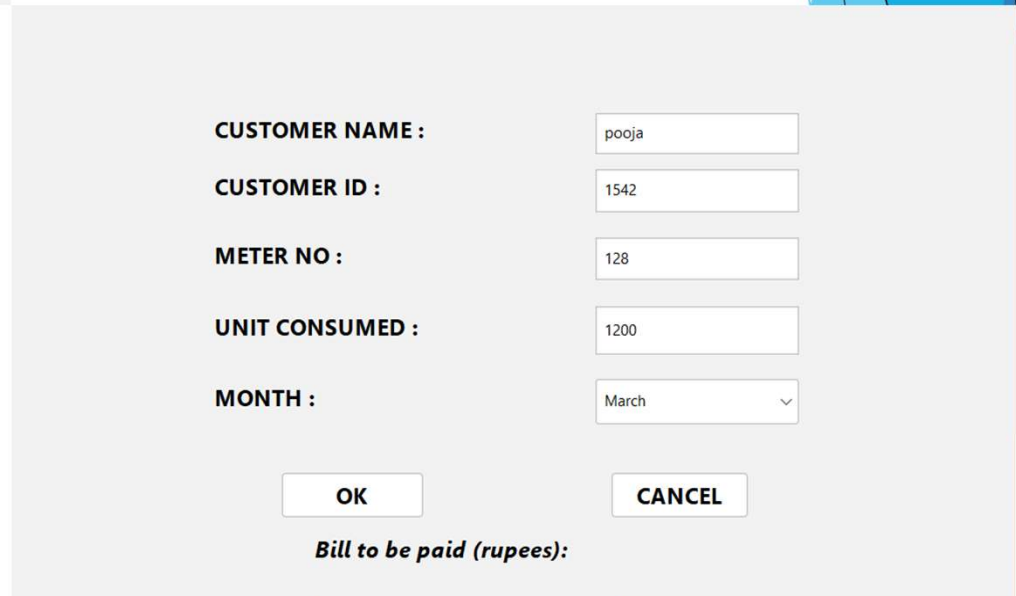
A screenshot of a login page with a light gray background. It features two input fields: one for 'USERNAME :' containing the text 'Pooja' and another for 'PASSWORD :' containing six dots. Below these fields are two buttons: 'LOGIN' and 'CANCEL'.

USERNAME :

PASSWORD :

Fig 1 : Login Page

Fig 2 : Billing



A screenshot of a billing page with a light gray background. It contains five input fields: 'CUSTOMER NAME :' with 'pooja', 'CUSTOMER ID :' with '1542', 'METER NO :' with '128', 'UNIT CONSUMED :' with '1200', and 'MONTH :' with a dropdown menu showing 'March'. At the bottom are 'OK' and 'CANCEL' buttons, followed by the text 'Bill to be paid (rupees):'.

CUSTOMER NAME :

CUSTOMER ID :

METER NO :

UNIT CONSUMED :

MONTH :

Bill to be paid (rupees):

Thank You...!!