



NORTH WESTERN UNIVERSITY

KHULNA

Course Title: Object Oriented Programming Seaso
CSE-2102

Report name: Electricity Billing System

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Table of Contents

	Introduction	03
	Objectives	03
	Description	04
	<u>1.</u> User Interface	
	<u>2.</u> User Input	
	<u>3.</u> User Output	
	Dependencies	06

Introduction

Purpose:

The Electricity Billing System is a software application designed to manage the billing process for electricity consumption. This user manual provides instructions on how to effectively utilize the system's features to streamline billing operations and enhance customer satisfaction.

Scope:

The manual covers the usage and functionality of the Electricity Billing System, including creating and updating accounts, meter reading entry, billing generation, payment Amount, and generating usage reports.

System Overview:

The Electricity Billing System enables efficient management of electricity billing by automating various tasks such as meter reading, bill generation, and payment Amount. The system offers user-friendly interfaces, robust security measures, and comprehensive reporting capabilities.

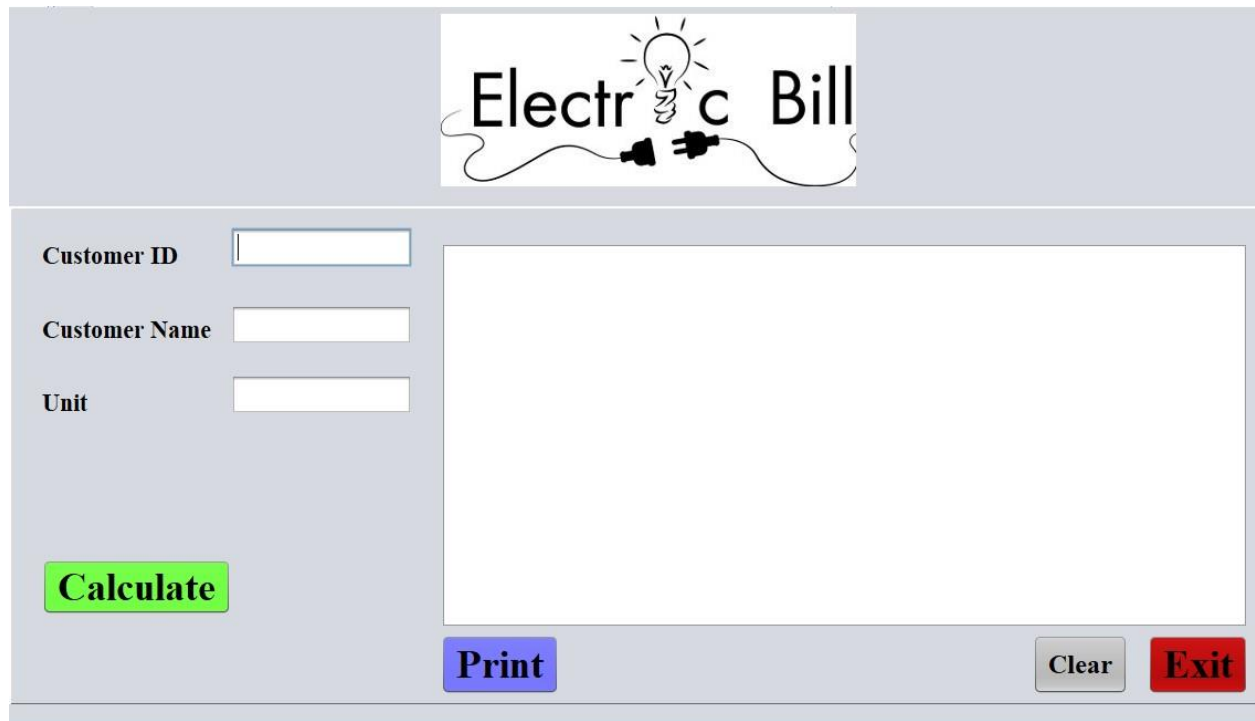
Objectives

The purpose of this lab project was to Electricity Billing System. It creating and updating accounts, meter reading entry, billing generation, payment Amount, and generating usage reports.

Description

1. User Interface:

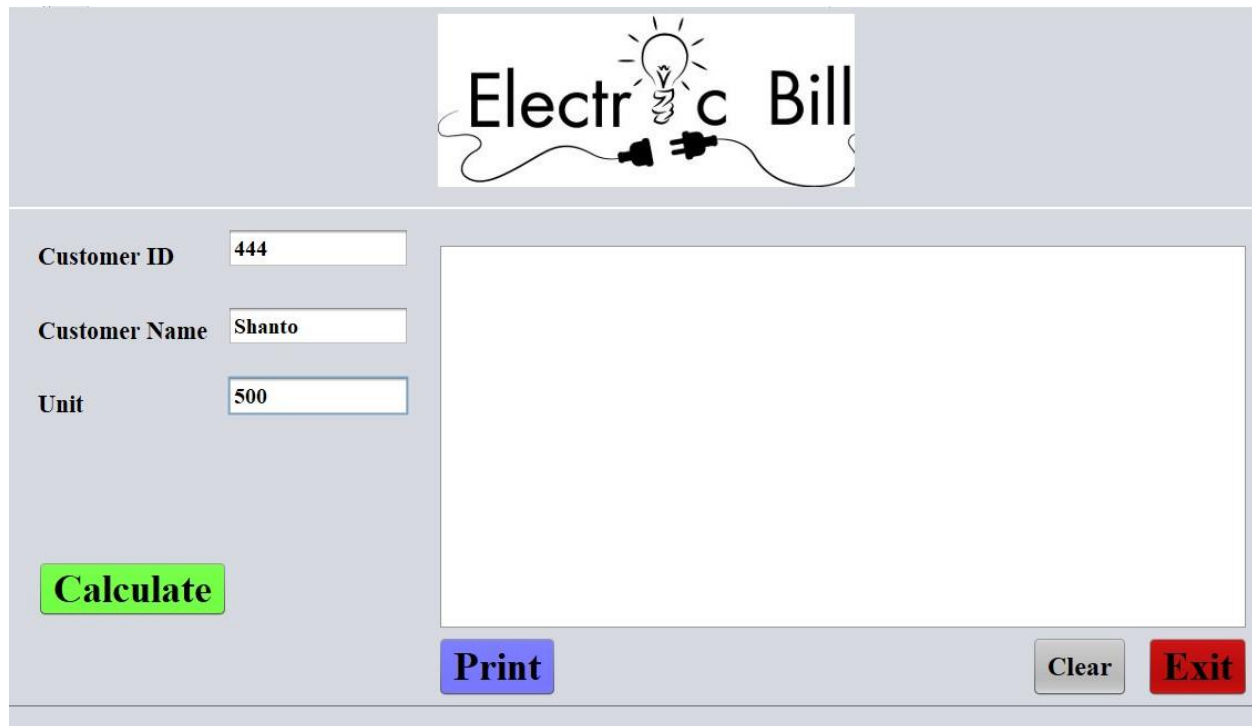
Describe the main dashboard, highlighting key information and functionality available at a glance.



The screenshot displays a web-based application titled "Electric Bill". The interface is set against a light gray background. At the top center, there is a logo featuring a lightbulb with a plug inside it, and the words "Electric Bill" in a stylized font. Below the logo, on the left side, there are three input fields labeled "Customer ID", "Customer Name", and "Unit". To the right of these fields is a large, empty rectangular box, likely for displaying the calculated bill amount. Below the input fields, there is a green button labeled "Calculate". At the bottom of the interface, there are three buttons: a blue "Print" button, a gray "Clear" button, and a red "Exit" button.

2. User Input:

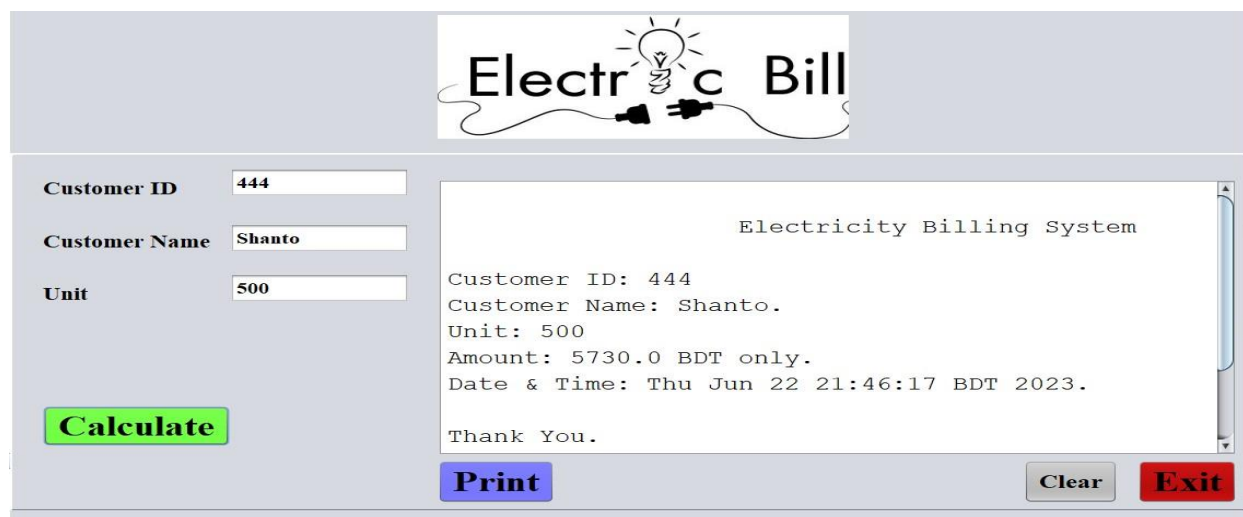
For generate bill user must enter **customer name, customer id, unit.**



The screenshot shows the 'Electricity Bill' application window. At the top center is a logo with a lightbulb and the text 'Electric Bill'. On the left side, there are three input fields: 'Customer ID' with the value '444', 'Customer Name' with the value 'Shanto', and 'Unit' with the value '500'. Below these fields is a green 'Calculate' button. To the right of the input fields is a large empty rectangular box for the bill output. At the bottom of the window, there are three buttons: a blue 'Print' button, a grey 'Clear' button, and a red 'Exit' button.

3. User Output

When customer enter everything and press the calculate button he/she get bill. And if he/she want print his/her electricity bill.



This screenshot shows the same application window after the 'Calculate' button has been pressed. The input fields on the left remain the same. The large rectangular box on the right now contains the following text: 'Electricity Billing System', 'Customer ID: 444', 'Customer Name: Shanto.', 'Unit: 500', 'Amount: 5730.0 BDT only.', 'Date & Time: Thu Jun 22 21:46:17 BDT 2023.', and 'Thank You.'. The 'Print', 'Clear', and 'Exit' buttons are still visible at the bottom.

Electricity Billing System

Customer ID: 444
Customer Name: Shanto.
Unit: 500
Amount: 5730.0 BDT only.
Date & Time: Thu Jun 22 21:46:17 BDT 2023.

Thank You.

HASIBUL

Dependencies

NetBeans IDE 8.2: NetBeans IDE lets you quickly and easily develop Java desktop. For built this project we use Java language and Java Built in Packages. After Install all packages the project will run successfully.

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