



ELECTRICITY BILLING SYSTEM

Electricity Billing System

INTRODUCTION :-

To develop an online system to electric bills for the calculate and printing the bill

After filling the proper details Calculate button calculate the total amount of the bill using code written in java format

To collect the power consumption Unit ,customer Id and Customer Name

Print button print the details which is given in the customers details and total amount of the bill

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OBJECTIVE OF THE PROJECT:-

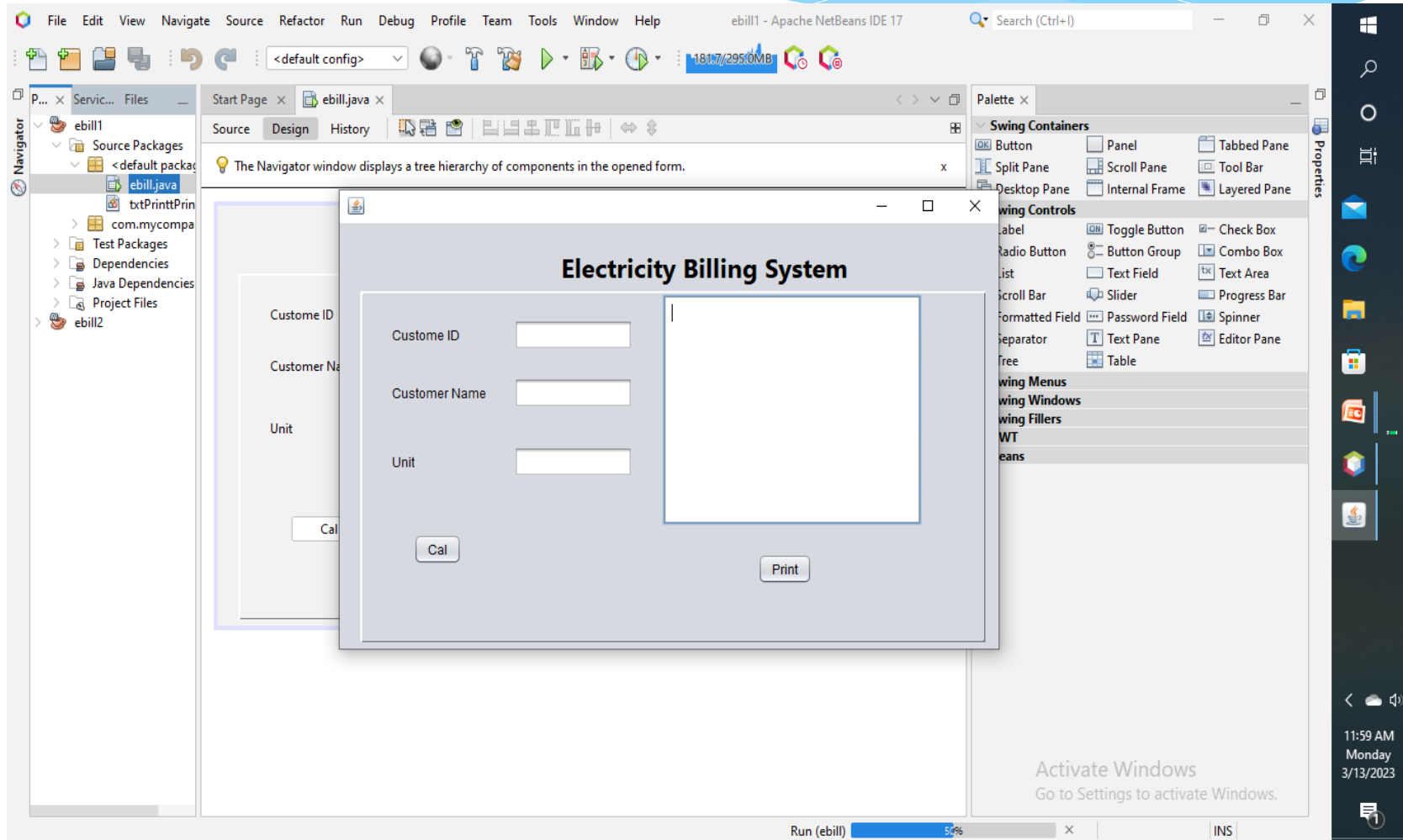
- This project is an innovation, which makes the way of paying electricity bills simple compared to other manual work. This project has been implemented using java as the backend
- It maintain error free records and easily incorporates the future developments and changes.
- To develop as well designed interface or page to shows the details of the customers.
- Provides full functional reports to management of electricity bills.

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STRUCTURE OF PROJECT:-

- Text Field :- In this project there are three main text field . In first one is Customer Id in which we have to fill Customer Id, in second one is for Customer Name in this we have to fill customer Name and in the third one is for Unit which is consumed by the customer.
- Cal Button:- Cal button calculate the gross amount of the unit which consumed by the customer and using java code it calculate the total bill amount . In this project for different - different unit range there is different rate of charge according to our given data .
- Print Button:- In print button it print the all detailed which was shown by the cal button like customer Id, Customer name, Unit, and Amount etc.

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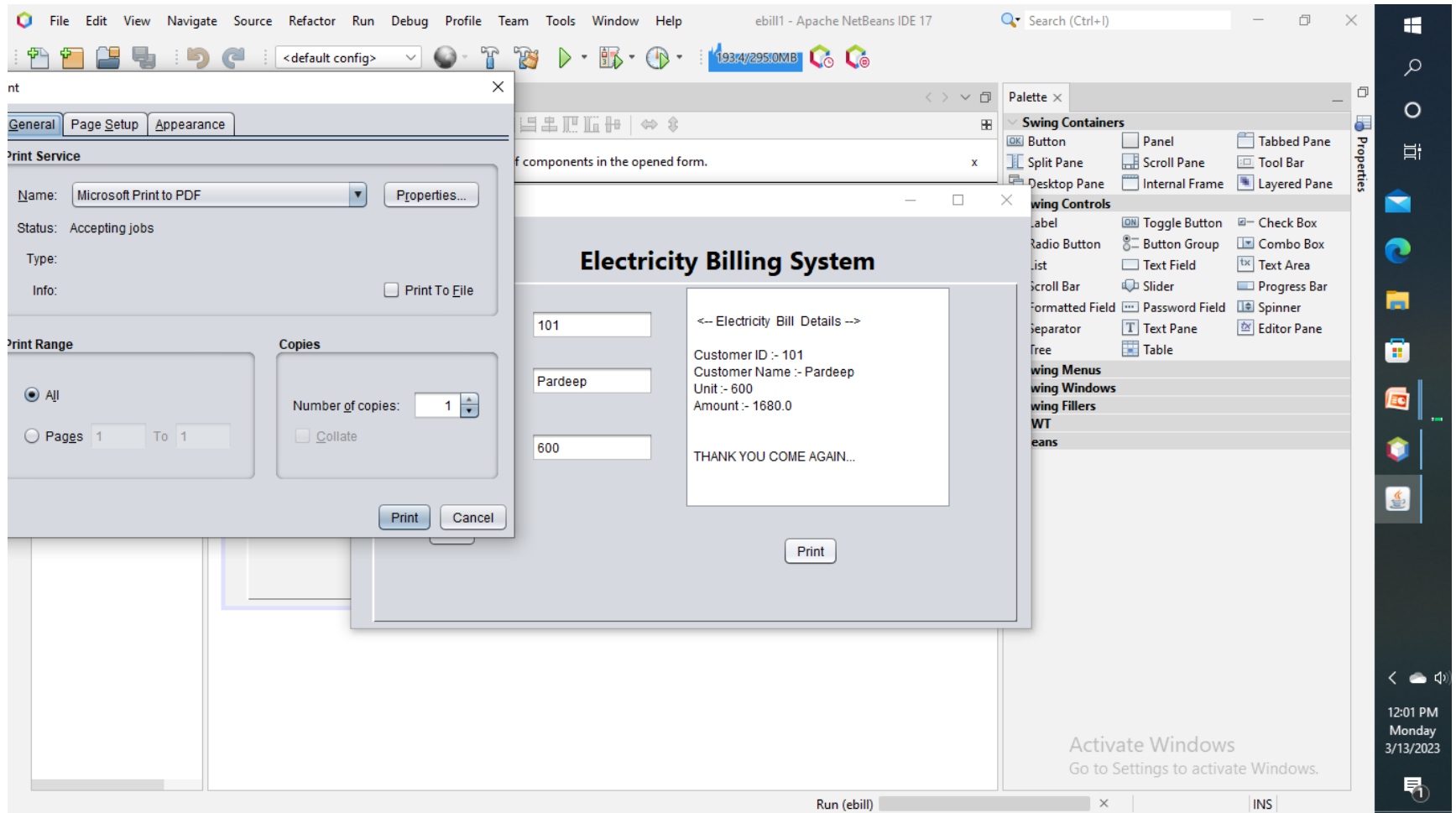
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The screenshot displays the Apache NetBeans IDE 17 interface. The main window shows the design view of a Java Swing application titled "Electricity Billing System". The GUI consists of a form with three input fields: "Custome ID" (containing "101"), "Customer Name" (containing "Pardeep"), and "Unit" (containing "600"). To the right of these fields is a text area titled "<-- Electricity Bill Details -->" containing the text: "Customer ID :- 101", "Customer Name :- Pardeep", "Unit :- 600", and "Amount :- 1680.0". Below the text area is a message "THANK YOU COME AGAIN...". At the bottom of the form are two buttons: "Cal" and "Print".

The IDE's left sidebar shows the "Navigator" window with a tree hierarchy of components, including "ebill1", "Source Packages", "ebill.java", "txtPrinttPrint", "com.mycompa", "Test Packages", "Dependencies", "Java Dependencies", "Project Files", and "ebill2". The "Palette" window on the right lists various Swing components and controls, such as "Button", "Panel", "Tabbed Pane", "Split Pane", "Scroll Pane", "Desktop Pane", "Internal Frame", "Layered Pane", "Label", "Toggle Button", "Check Box", "Radio Button", "Button Group", "Combo Box", "List", "Text Field", "Text Area", "Progress Bar", "Formatted Field", "Password Field", "Spinner", "Separator", "Text Pane", "Editor Pane", "Free", and "Table".

The status bar at the bottom indicates the application is running, showing "Run (ebill)" and "INS".

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PROPOSED OF PROJECT:-

- Help in maintain the computerized employee and bills details
- Easy to use.
- Calculate the bills.
- Increase the efficiency.
- Reduce the time

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REQUIREMENTS OF PROJECT:-

- Window 10/XP
- Installed java editor
- Installed java jre
- Installed java jdk
- Installed Net Beans

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FUTURE SCOPE OF PROJECT:-

- We can provide SMS based alerts and email notification for billing . The wallet can be developed to handle discount on the point basis. It can also be used to provided referral code concept for referring friends
- Electricity billing system will enable the customer and billing department staff to make things faster and can get information quickly. If we want any information about bill/slip, we can access it quickly.



THANK YOU...