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Mini project– final presentation

**“Electricity Billing Management  
System”**

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**Under the Guidance  
of Prof. Gagana  
madam**

# Electricity Billing Management System

The Electricity Billing Management System is designed to the billing process for electricity consumption. Our aims to create a website ,where user can login ,overview user's data like power consumption , taxes and also to pay bills in online.



# Problem Statement:

- Electricity bill aims to implement the system that will help to ensure that it meets the needs of all stakeholders, and leads to a more efficient and customer-friendly billing process.

## Home page

The screenshot shows a web browser window with the URL `localhost/PhpProject6/index.php`. The page has a dark blue header with the title "E-Billing System" on the left. In the center of the header is a text input field containing `admin@gmail.com`, and to its right is another text input field labeled "Password" followed by a green "Sign In" button. Below the header, the main content area is split into two columns. The left column is titled "Electricity Billing System" and contains a paragraph: "This website at the end of its construction will act as a consumer oriented service for users for easy payment of their respective Electricity Bill as well as interact with their providers in case of any queries or grivances." The right column is titled "Sign Up" and contains a vertical stack of six white text input fields labeled "Full Name", "Email", "Password", "Confirm Password", "Contact No.", and "Address". Below these fields is a blue "Sign Up" button. At the bottom of the page, there is a light gray section titled "How this Portal woks". The browser's address bar and a Windows taskbar are visible at the bottom of the image.

E-Billing System

admin@gmail.com Password Sign In

### Electricity Billing System

This website at the end of its construction will act as a consumer oriented service for users for easy payment of their respective Electricity Bill as well as interact with their providers in case of any queries or grivances.

### Sign Up

Full Name

Email

Password

Confirm Password

Contact No.

Address

Sign Up

### How this Portal woks

## Customer details :-

The screenshot shows the 'Customer Details' page of an 'E-Billing System'. The page has a dark sidebar with navigation links: Dashboard, Customers, Billings, and Complaints. The main content area displays a table of customer information. At the bottom of the table, there are buttons for 'NEW' and 'EDIT'. The footer of the page states 'Created by ELLINO SYSTEM'.

#	Name	Email	Contact	Address
1	gurdaran	gurdaran@gmail.com	78324339	kanpur
2	hemant kumar	hemant@gmail.com	94822764	Chhannagar
3	kanha ng	kanha@gmail.com	888123456	kanpur
4	ayush k	ayush@gmail.com	78322333	Chhannagar
5	kanha	kanha@gmail.com	78323456	kan

## Bill transaction :-

The screenshot shows the 'Bills' page of the 'E-Billing System'. The page features a dark sidebar with navigation links: Dashboard, Customers, Billings, and Complaints. The main content area displays a table of bill transactions. At the bottom of the table, there are buttons for 'NEW' and 'EDIT'. The footer of the page states 'Created by ELLINO SYSTEM'.

Bill No.	Customer	Date	UNITS Consumed	Amount	Due Date	Status
BN_55	kanha	2024-11-22	8	\$12.00	2024-12-22	PENDING
BN_52	kanha ng	2024-11-22	8	\$12.00	2024-12-22	PENDING
BN_31	hemant kumar	2024-11-22	30	\$180.00	2024-12-22	PENDING
BN_30	gurdaran	2024-11-22	45	\$60.00	2024-12-22	PENDING
BN_26	ayush k	2024-11-22	55	\$135.00	2024-12-22	PENDING

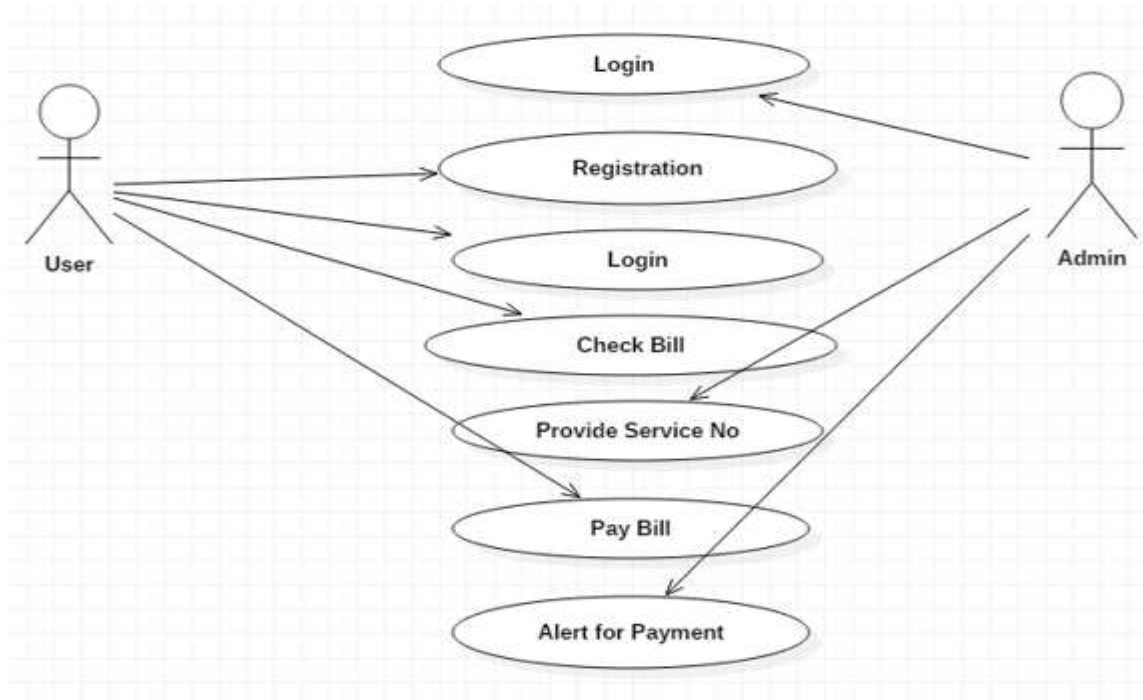
# OBJECTIVE OF THE PROJECT:-

- This project is an innovation ,which makes the way of paying electricity bills simple compared to the other existing projects.
- This project has been implemented using php as front end mysql as the back end.
- It maintains the error free database and easily incorporates the future
- Developments and changes .
- To develop an well – designed database to store customer information

# ADVANTAGE OF PROJECT:-

- Minimize the handwritten work from admission to billing department.
- It will helps to minimize your repeated works .
- It is a huge time saver and facilitates proper communication among the management staff,and the customers.
- Provide computerized system for maintaining records.
- Avoid human storage with less computer memory.

# Methodology





# Tools and Technology

Language: php ,html ,css , java.

Database : MySQL

Server: localhost.

# Key Features

- User Registration and Authentication
- Automated Billing
- Payment Processing
- User Dashboard
- Notifications and Alerts
- Reporting and Analytics
- Customer Support
- Data Security



# Expected Outcomes

- Improved Accuracy and Efficiency
- Greater Customer Satisfaction
- Real-Time Data Insights
- Faster Payment Processing
- Comprehensive Reporting
- Flexibility in Pricing Models



# Results

The screenshot displays a web browser window with the URL `localhost/PhpProject6/admin/bill.php`. The browser's address bar shows the page title "E-Billing System" and a user profile "ADMIN". A notification bar at the top indicates "NetBeans Connector" started debugging this browser, with a "Cancel" button.

The application interface features a dark sidebar on the left with the following menu items: Dashboard, Customers, Billings (highlighted with a dollar sign icon), and Complaints. The main content area is titled "Bills" and contains a "Bills History" table and a "Generate New Bill" link.

Bill No.	Customer	Date	UNITS Consumed	Amount	Due Date	Status
BN_33	kranika	2024-11-22	6	\$12.00	2024-12-22	PROCESSED
BN_32	harsha mg	2024-11-22	6	\$12.00	2024-12-22	PROCESSED
BN_31	hemanth kumar	2024-11-22	80	\$160.00	2024-12-22	PENDING
BN_30	gurukiran	2024-11-22	45	\$90.00	2024-12-22	PENDING
BN_29	supriith vs	2024-11-22	50	\$100.00	2024-12-22	PROCESSED

Below the table, there are pagination controls: `[1] 2 NEXT LAST`.

At the bottom of the application area, it says "Created by BILLING SYSTEM".

The Windows taskbar at the bottom shows the system clock as 02:15 PM on 10-12-2024, along with various system icons and a search bar.

# FUTURE SCOPE OF THE PROJECT:-

- We can provide SMS based alerts and email notifications for billing .
- The wallet can be developed to handle discounts on the points basis.
- It can be also be used to provide referral code concept for referring friends.
- Electricity billing system will enable the customer and billing department made think faster and get information quickly.
- If we want any information about bill /slip etc.

# Thank You