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Mini project– final presentation

**“Electricity Billing Management  
System”**

**Presented By,**

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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/PhpProject/index.php`. The page has a dark blue header with the title "E-Billing System" and a login section containing the email `admin@gmail.com`, a password field, and a green "Sign In" button. Below the header, the main content area is split into two columns. The left column, titled "Electricity Billing System", 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, titled "Sign Up", contains a vertical stack of input fields for "Full Name", "Email", "Password", "Confirm Password", "Contact No.", and "Address", followed by a blue "Sign Up" button. At the bottom of the page, there is a section titled "How this Portal woks". The browser's address bar and a NetBeans Connector debugging notification are visible at the top. The Windows taskbar at the bottom shows the system clock as 02:14 PM on 10-12-2024.

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 top right of the main area is an 'ADMIN' button. Below the table, there are buttons for 'ADD', 'EDIT', and 'DELETE'. The footer of the page says 'Created by SLLANG SYSTEM'.

#	Name	Email	Gender	Address
1	gudhan	gudhan@gmail.com	Female	
2	hanshi kumar	hanshi@gmail.com	Unkn	
3	hanshi ng	hanshi@gmail.com	Unkn	
4	hanshi ng	hanshi@gmail.com	Unkn	
5	hanshi ng	hanshi@gmail.com	Unkn	

## Bill transaction

The screenshot shows the 'Bills' page of the 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 bill transactions. At the top right of the main area is an 'ADMIN' button. Below the table, there are buttons for 'ADD', 'EDIT', and 'DELETE'. The footer of the page says 'Created by SLLANG SYSTEM'.

Bill No.	Customer	Date	UNITS Consumed	Amount	Due Date	Status
09_01	hanshi	2024-11-22	8	\$12.00	2024-12-02	PAYABLE
09_02	hanshi ng	2024-11-22	8	\$12.00	2024-12-02	PAYABLE
09_01	hanshi kumar	2024-11-22	80	\$100.00	2024-12-02	PAYABLE
09_01	gudhan	2024-11-22	45	\$60.00	2024-12-02	PAYABLE
09_01	hanshi ng	2024-11-22	80	\$100.00	2024-12-02	PAYABLE

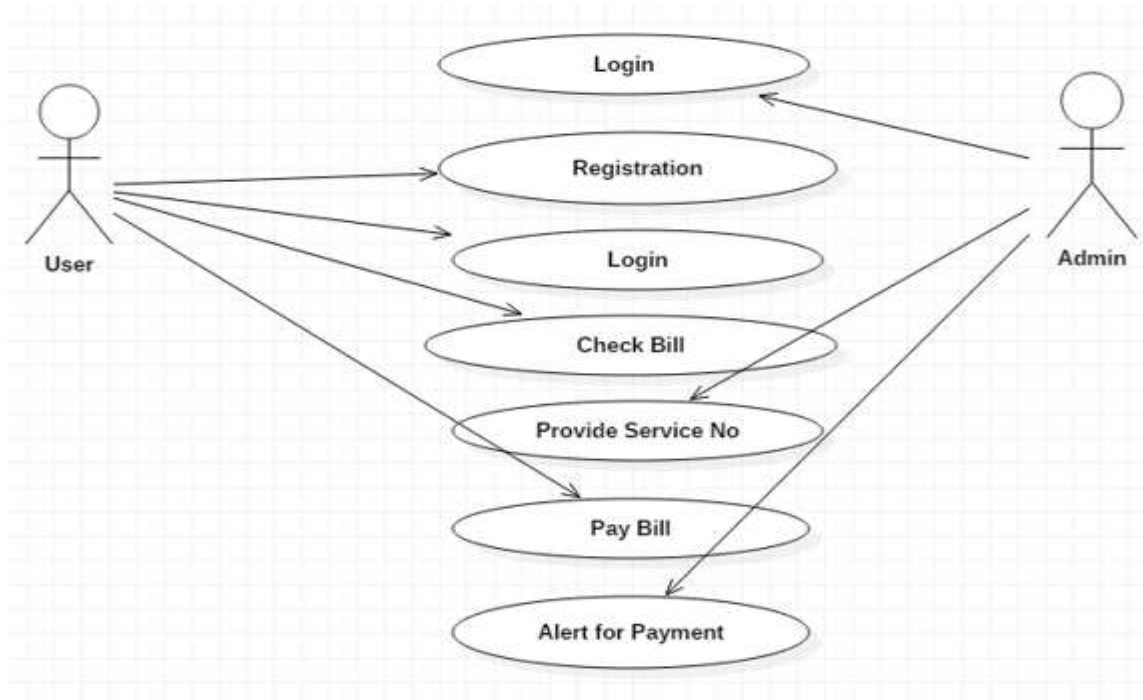
# OBJECTIVE OF THE PROJECT:-

- 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

E-Billing System ADMIN

## Bills

Generate New Bill

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	supriya vs	2024-11-22	50	\$100.00	2024-12-22	PROCESSED

Created by BILLING SYSTEM

# 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