

INDIAN ELECTRICITY BOARD

END TERM REPORT

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BACKGROUND AND OBJECTIVES

● BACKGROUND:

The system is basically concerned with the payment of the electricity bill and to get information of the various electricity programs that are a part of

the government scheme and to help them to pay the electricity bill through the online payment method and to make the people aware about saving the electricity to make them aware about the electricity consumption throughout the state.

○ AIM AND OBJECTIVES:

The main objective of the project is to make the people aware about their state's electric consumption and to make them realise that they should not waste electricity and use it wisely and also to help them to pay their bill after logging in.

○ MOTIVATION AND OUTCOMES:

It is very well known to us that in this modern day the use of smartphones and boom in internet is popular among all the generations either the old or the young so it has become a necessary requirement to make the website for the electricity board so that it could not only save the time of the people as they can easily visit the site and address their issues and make it easier for them to pay the bills through online medium which will make a better ecosystem and a better work system for hassle free development



DESCRIPTION OF PROJECT

The project is to make an Indian Electric Board website where the information about the department is provided and various measures have been taken so that everyone could operate the website and easily understand and make hassle free

payments through the online source which is very convenient and time saving. The information about the Union Power Minister and Punjab power minister is provided so that you can raise your queries directly to the concerned authorities

FLOW OF PROJECT

1. RISHANT VIKRAMADITY : HOME PAGE & CONTACT US
: LOGIN PAGE AND
PAYMENT SYSTEM

2. TAPAN DATTA MEESALA : FAQ SECTION
: ELECTRICITY CONSERVATION
: CONSUMPTIONS ACROSS
STATES

FEATURES OF PROJECT

✚ KNOWING THE WEBSITE :

This is the look of the website when opened. This section explains the functionality of various tabs and buttons present on the website. It is a



user-guide, made to have a better access and understanding of the website in order to maintain a user-friendly environment. Each and every tab is explained here in full detail in order to make the functioning more efficient and user-friendly.

✚ THE MAIN BAR :



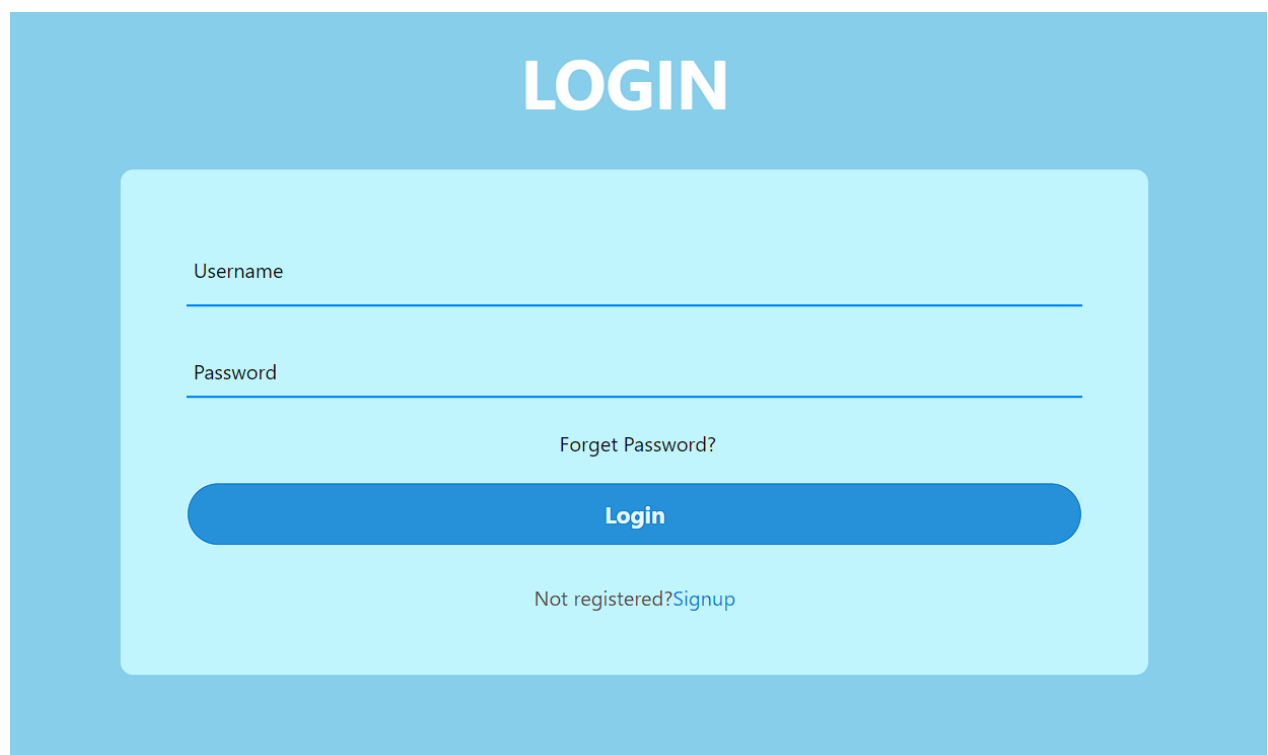
The main bar is located at the top side of the webpage. This section is responsible for creating a more creative and user-friendly access to the website. The user can browse almost all the options listed in the features of the website.

This is the main bar of the website. It has 5 different and unique tabs including the options such as Home, Meals, Holiday Packages, Service at station, Contact us. This enriches the beauty of the website and makes it more customer/user friendly.

○ HOME TAB :

By using the Home Tab, user can return back to the Home page from the other tabs of the website. In the Home page there is a ticket booking section and a list of holiday packages.

○ LOGIN PAGE:



LOGIN

Username

Password

Forget Password?


Login

Not registered?[Signup](#)

At the end of this section there is a login button to log into the website database

○ PAYMENT TAB :

Under this tab you can pay the electricity bill using the different mentioned payment methods by applying the various details

BILLING ADDRESS	PAYMENT	
<p>Full name</p> <input type="text" value="Enter name"/>	<p>Accepted Card</p> <p></p>	
<p>Email</p> <input type="text" value="Enter email"/>	<p>Credit card number</p> <input type="text" value="Enter card number"/>	
<p>Address</p> <input type="text" value="Enter address"/>	<p>Exp month</p> <input type="text" value="Enter Month"/>	
<p>City</p> <input type="text" value="Enter city"/>	<p>State</p> <p>Choose Year.. ▾</p>	<p>CWV</p> <input type="text" value="CWV"/>
<p>State</p> <p>Choose State ▾</p>	<p>Zip code</p> <input type="text" value="Zip code"/>	<p>Proceed to Checkout</p>

○ FAQ :

The information for the various requirements have been provided and the user can access the information about different aspects and apply the knowledge gained from them

FAQ

How to register online? ▼

To register online visit our website www.uppclonline.com. For registration you should know your Account ID printed in the Bill provided by us and the Bill number as printed in the Bill. Click on the Register Button on the home page and enter your Account ID and Bill ID. You will be displayed with your details. Validate your details and enter your email address, Mobile number, password, secret question and secret answer. On submitting you would be send a confirmation mail to your mail id. Click on the link in the mail and login to activate your account. On successful activation your online registration would complete.

Where I can pay my bills? ▼

I have forgotten my password.How to retrieve it? ▼

What if my ID is already registered? ▼

What if i have forgotten my password as well as my secret answer? ▼

● ELECTRICITY CONSUMPTION AND PREVENTION OF ELECTRICITY:

This section provides the information about the consumption of resources along the different states and reminds us to save the electricity as an individual by different forms so that energy resources can be used by different sections of the society equally and without any discrimination and wastage.

WAYS TO CONSERVE ELECTRICITY

1. One of the best energy-saving devices is the light switch. Turn off lights when not required.
2. As far as possible use task lighting, which focuses light where it's needed. A reading lamp, for example, lights only reading material rather than the whole room.
3. Keep doors to air-conditioned rooms closed as often as possible.
4. Dirty tube lights and bulbs reflect less light and can absorb 50 percent of the light; dust your tube lights and lamps regularly.
5. A full refrigerator is a fine thing, but be sure to allow adequate air circulation inside.
6. Ninety percent of the energy consumed by an ordinary bulb (incandescent lamp) is given off as heat rather than visible light.
7. If room air conditioner is older and needs repair, it's likely to be very inefficient. It may work out cheaper on life cycle costing to buy a new energy-efficient air conditioner.
8. To help reduce heat loss, always insulate hot water pipes, especially where they run through unheated areas. Never insulate plastic pipes.
9. If your computer must be left on, turn off the monitor; this device alone uses more than half the system's energy.
10. Don't overfill the kettle for just one drink. Heat only the amount of water you need.
11. Using ceiling or room fans allows you to set the thermostat higher because the air movement will cool the room.
12. Battery chargers, such as those for laptops, cell phones and digital cameras, draw power whenever they are plugged in and are very inefficient. Pull the plug and save.
13. Think about what you need before opening refrigerator door. You'll reduce the amount of time the door remains open.
14. When buying a new electric kettle, choose one that has an automatic shut-off button and a heat-resistant handle.
14. When buying a new electric kettle, choose one that has an automatic shut-off button and a heat-resistant handle.
15. A good air conditioner will cool and dehumidify a room in about 30 minutes, so use a timer and leave the unit off for some time.
16. Make sure that refrigerator's rubber door seals are clean and tight. They should hold a slip of paper snugly. If paper slips out easily, replace the door seals.
17. Turn off your home office equipment when not in use. A computer that runs 24 hours a day, for instance, uses more power than an energy-efficient refrigerator.
18. Screen savers save computer screens, not energy. Start/Dups and shutdowns do not use any extra energy, nor are they hard on your computer components. In fact, shutting computers down when you are finished using them actually reduces system wear - and saves energy.
19. Remember, microwaves cook food from the outside edge toward the centre of the dish, so if you're cooking more than one item, place larger and thicker items on the outside.
20. Allow hot and warm foods to cool and cover them well before putting them in refrigerator. Refrigerator will use less energy and condensation will be reduced.

STATE WISE CONSUMPTION (kWh)

State/UTs	Per Capita Consumption(kWh)
Chandigarh	1128
Delhi	1574
Haryana	1975
Himachal Pradesh	1340
Jammu & Kashmir	1282
Punjab	2028
Rajasthan	1166
Uttar Pradesh	585
Uttarakhand	1454
Northern Region	1003
Chhattisgarh	2016
Gujarat	2279
Madhya Pradesh	989
Maharashtra	1307
Daman & Diu	7956
Dadra & Nagar Haveli	13783
Goa	2466
Western Region	1533
Andhra Pradesh	1319
Telangana	1551
Karnataka	1367
Kerala	763
Tamil Nadu	1847
Puducherry	1784
Lakshadweep	633
Southern Region	1432
Bihar	272
Jharkhand	915
Odisha	1622
West Bengal	665
Sikkim	806
Andaman- Nicobar	370
Eastern Region	695
Arunachal Pradesh	648
Assam	339
Manipur	326
Meghalaya	832
Mizoram	523
Nagaland	345
Tripura	470
North-Eastern Region	392

○ ABOUT US :

It informs us about the department of the electricity the government polices about the energy distribution and development in the different areas of the country using different methods of power generation

ABOUT US

The Ministry of Power started functioning independently with effect from 2nd July, 1992. Earlier it was known as the Ministry of Energy sources. Electricity is a concurrent subject at Entry 38 in List III of the seventh Schedule of the Constitution of India. The Ministry of Power is primarily responsible for the development of electrical energy in the country. The Ministry is concerned with perspective planning, policy formulation, processing of projects for investment decision, monitoring of the implementation of power projects, training and manpower development and the administration and enactment of legislation in regard to thermal, hydro power generation, transmission and distribution.

○ MINISTRY OF POWER :

The information about the ministry of power has been provided and it should be known by all of us because we as a citizen should be aware about our country and our state and should be determined to take actions if we realize the resources are not used correctly and if there is any mishappening it could be portrayed to the government of the respective state and the ministry of India



✚ TECHNOLOGY USED :

Two languages are used in this project. HTML, CSS. This webpage can be opened with any browser such as Chrome, Fire Fox, Internet Explorer.

✚ MERITS OF THE PROJECT :

- This project made us clearer about the concepts of HTML and CSS.
- This project was a good lesson in understanding the working and functionality of any professional website and it made us aware of the demands and needs of the customers.
- This project helped us with a lot of information about cascading style sheet.

CONCLUSION

This project has been a great experience for me to learn about the different aspects of html and CSS and applying the concepts of the html and CSS taught to us by our beloved teacher Mr Mir Ui Islam and I and my friends who have been part of this project had great fun.