INDIAN ELECTRICITY WEBSITE

END TERM REPORT

BY

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Student Declaration

This is to declare that this report has been written by us. No part of the report is copied from other sources. All information included from other sources have been duly acknowledged. We aver that if any part of the report is found to be copied,we are shall take full responsibility for it.

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Date : 10-04-2020

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Background and objectives of the project assigned

Our team has been assigned a project work to make a website on the Indian electricity bill. In this project we have done lot of the things and learned a lot in this the main objective behind the giving this project is to understand the concepts of html, css , javascriptand and bootstrap and many other resources which helped us to make this project. By the help of the html we have learned how to display text, images and other forms of multimedia on a webpage. We have added lot of images which makes our website attractive. We have also learned the concepts of the css which stand for "Cascading Style Sheet." This concept helped us to

format the layout of the webpage. They can be used to define text styles, table sizes, and other aspects of Web pages that previously could only be defined in a page's HTML. ... Plus, CSS makes it easy to change styles across several pages at once. We also learned about the JavaScript.

JavaScript is a scripting language which is used for making your website dynamic. Writing JavaScript code together with CSS and HTML can make your website more interactive and responsive. Instead of showing static content which will make your users to hit the close button, you can now hold your users' interest to your website.

We have also used bootstrap to make our website more attractive. It is a free and open-source CSS framework directed at responsive, mobile- first front-end web development. It contains CSS- andJavaScript-based design templates for typography, forms, buttons, navigation, and other interfacecomponents.

Apart fromthesethings we have also learned the how the electricity is distributed among different states ofthecountryand how the rates of the electricity is differs from one state to another and one are toanother.

The cost of 1unit electricity in our state Punjab is rupees 11.

Cost also differs from the rural area and urban area and according to the needs of the electricity. We also come to know that how electricity is generated from the different resources such as coal, geothermal energy, nuclear energy and may hydro electricity power plant are setup to full fill the need of electricity of our country.

The Asia's second largest thermal powerplant is situated in SINGRAULI MADHYAPRADESH which is ***National power thermal power coprationlimited (NTPC)***

Description of Project

Our website consists of many pages

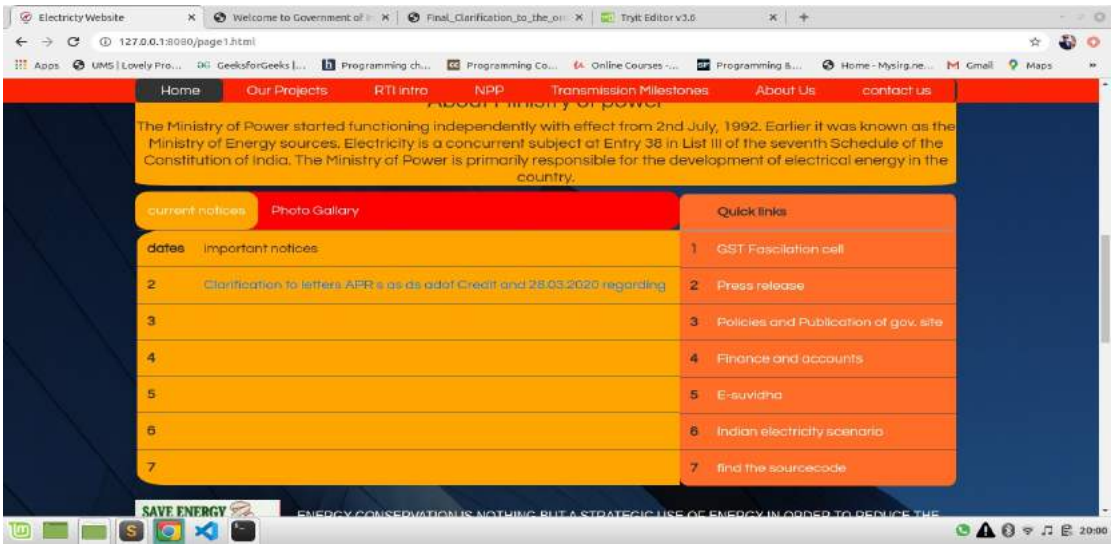
1.

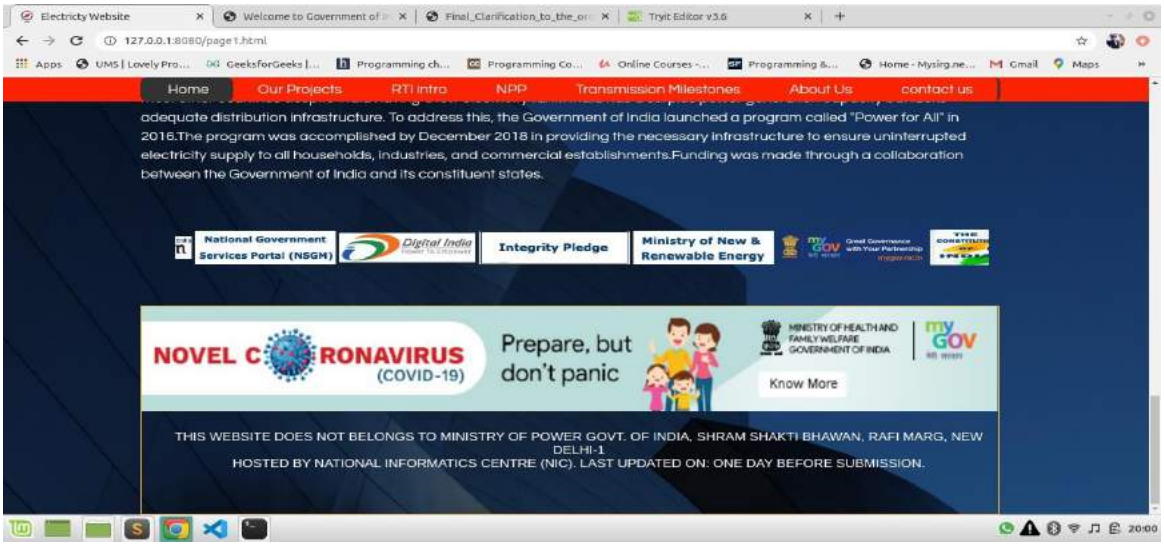
This is the first page of our website it consists of login , searching and many other option as homepages, Our projects, etc.

2.

This page is for login to the user so that they can see their electricity bill and consumption and they can pay the bill of it.

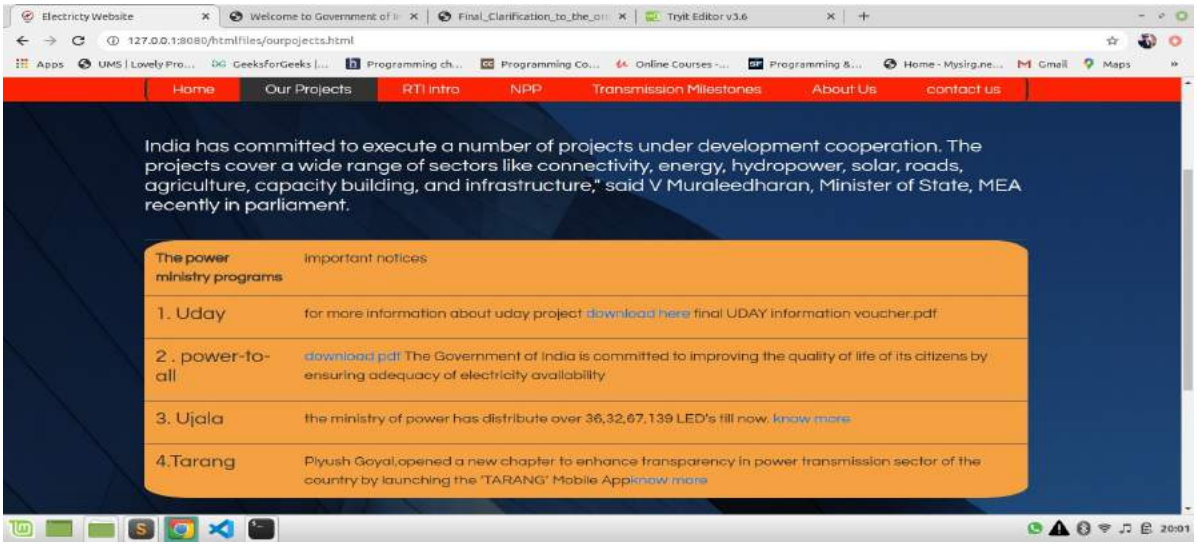
3.





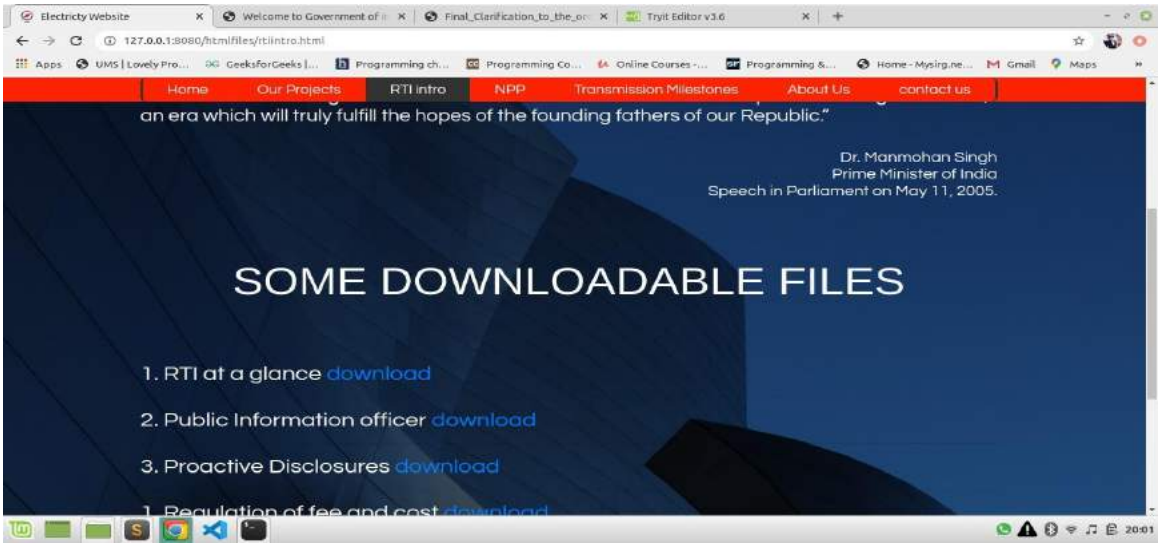
This is our homepage after login to the user here he can see the different collaboration with the company.

4.



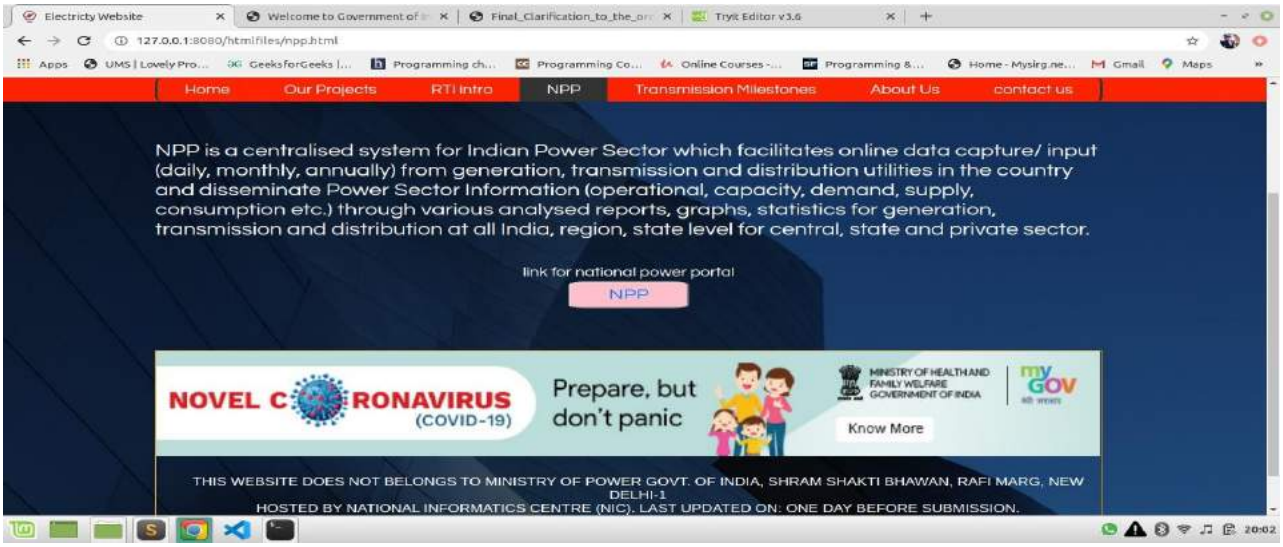
This is the page where the public can see the different projects by the government and private companies made for the transmission of the electricity.

5.



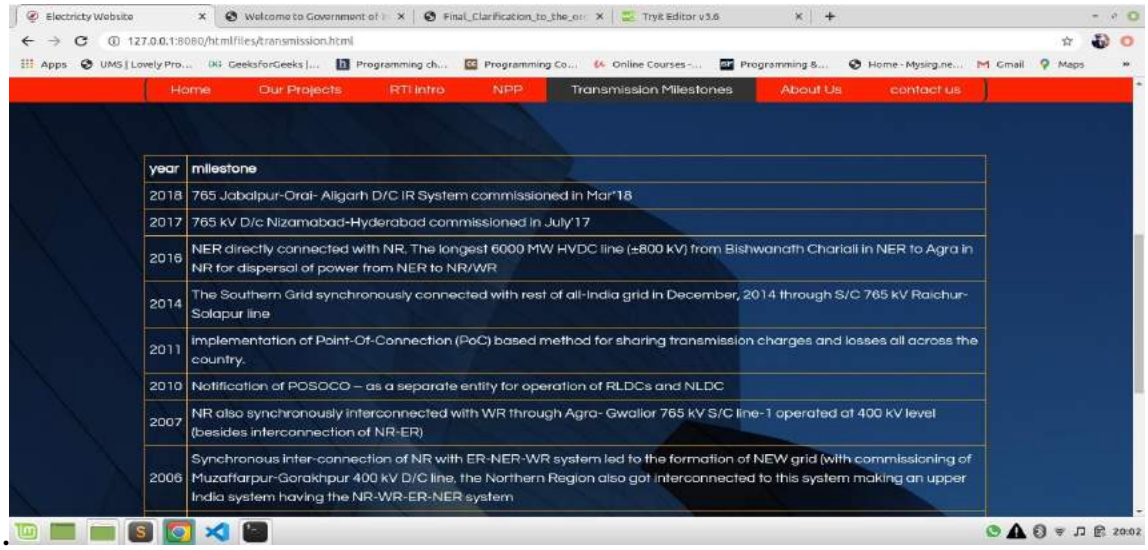
This page is showing the important information under the RTI act and there are some downloadable files are present which gives the full information .

6.



This page consists of NPP which tells us about the transmission of electricity , how much electricity is generated and transmitted all over the country.

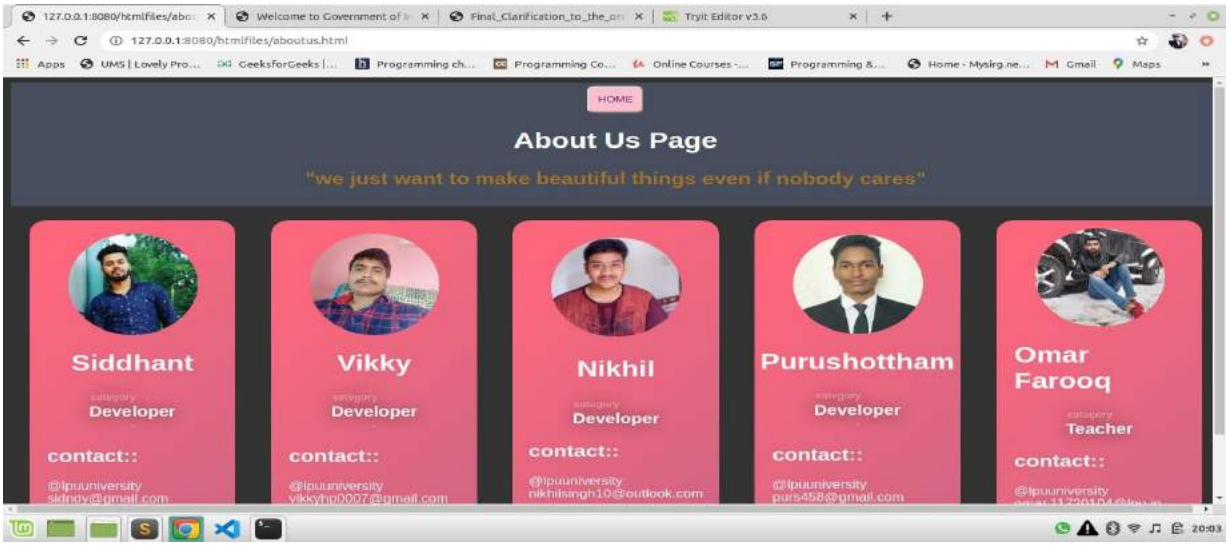
7.



year	milestone
2018	765 Jabalpur-Orai- Aligarh D/C IR System commissioned in Mar'18
2017	765 kV D/c Nizamabad-Hyderabad commissioned in July'17
2016	NER directly connected with NR. The longest 6000 MW HVDC line (±800 kV) from Bishwanath Chariali in NER to Agra in NR for dispersal of power from NER to NR/WR
2014	The Southern Grid synchronously connected with rest of all-India grid in December, 2014 through S/C 765 kV Raichur-Solapur line
2011	implementation of Point-Of-Connection (PoC) based method for sharing transmission charges and losses all across the country.
2010	Notification of POSOCO – as a separate entity for operation of RLDCs and NLDC
2007	NR also synchronously interconnected with WR through Agra- Gwalior 765 kV S/C line-1 operated at 400 kV level (besides interconnection of NR-ER)
2006	Synchronous inter-connection of NR with ER-NER-WR system led to the formation of NEW grid (with commissioning of Muzaffarpur-Gorakhpur 400 kV D/C line, the Northern Region also got interconnected to this system making an upper India system having the NR-WR-ER-NER system

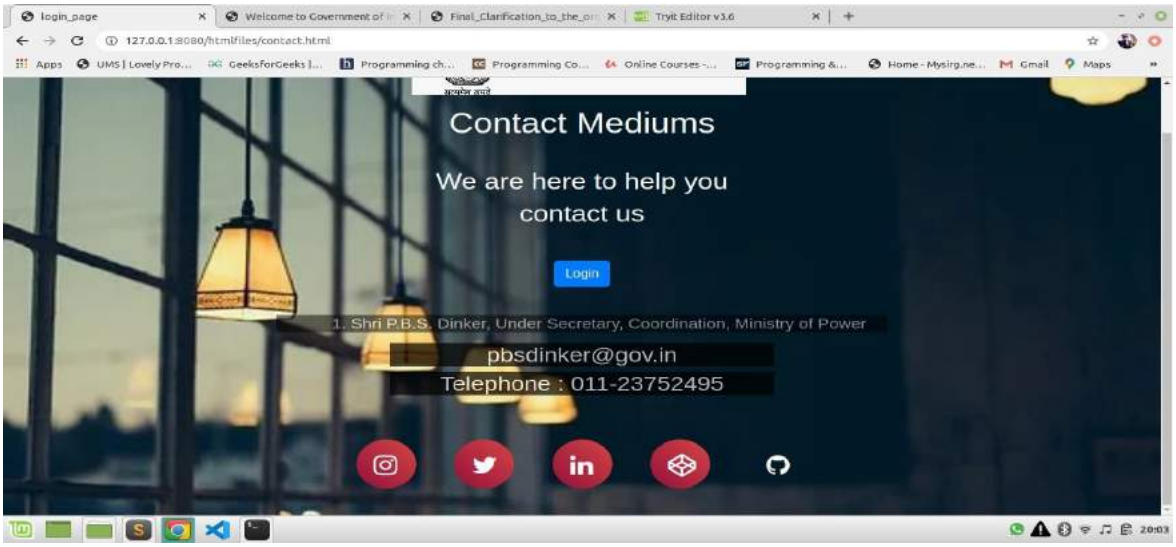
This is the page which says about the milestones of the electrcity and transmission of electricity all over the India.

8.



This is the page which give information about the developers who develops the pages and who guided them to develop the page.

9.



This is the page to know the contacts of different person for any problem.

Description of Work Division in terms of Roles among Students

1. SIDDHANTPANDEY

He is developer of the pages which consists of the image gallery and npp.

2. VIKKY SINGH

He is developer and develops the pages of the home page , login page , and rti page.

3. NIKHIL SINGH

He is also a developer he developed the about us and our project page.

4.M. PURUSHOTTAM

He is also a developer and he created transmission milestone and contact us page of the website.

Technologies and Framework to be used

We have used lot of platform to develop this website we have used html to develop the basic the of the project and adding things which make the project more beautiful and attractive. In this project we have used css which helped us to make the website more attractive by adding different tables, colors, and pictures and it help us to created the space so that people can write their information in the website.

We used JavaScript in making the thing more dynamic in the webpage

And making the project more attractive makes the navigation more easy and instead of showing the text we can have the button which makesthe website moreattractive.

We have also used bootstrap to make our website more attractive. It is a free and open-source CSS framework directed at responsive, mobile- first front-end web development. It contains CSS- andJavaScript-based design templates for typography, forms, buttons, navigation, and other interfacecomponents.

We have taken the help of the w3school which helps us to understand the concepts of the html css and javascript which helped a lot makin this project .

SWOT Analysis achieved in project

1. STRENG
   HT

The strengths of our website is that it is revelant and unique contents which is genuine which tells the 100% truth of the contents. This website is user friendly it very to acces just by seeing it and need notany kind of guide to use for users. Our website is having good servcie of hosting and easy to signin.

2. WEAKNESS

Weakness of our websites are have poor quality of images and long subscription process our website have poor mobile optimization it cant adjust itself according to the size of the mobile and tablets.

3. OPPORTUNITIES

We have the opportunities make our website more attractive and can add mobile optimization so that our website can optimize itself according to the device .

4. THREATS

The main threats we will face that we can have the new competitors who can have more beautiful and attractive idea than us and can make more beautiful projects.

BONAFIDE CERTIFICATE

Certified that this projectreport“.....INDIANELECTRICITY WEBSITE ……..” is the bonafide work of “……SIDDHANT PANDEY,VIKKY SINGH, NIKHIL SINGH,M.PURUSHOTTAM……” who carried out the project work under my supervision.

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