GCTC PORTAL MODEL

Project Based Learning (PBL) Project submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Under the esteemed guidance of

Ms.VYBHAVI

By

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Department of Computer Science and Engineering
Accredited by NBA

Geethanjali College of Engineering and Technology
(UGC Autonomous)
(Affiliated to J.N.T.U.H, Approved by AICTE, New Delhi)
Cheeryal (V), Keesara (M), Medchal.Dist.-501 301.

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Geethanjali College of Engineering & Technology
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CERTIFICATE

This is to certify that the B.Tech Main Project report entitled **"GCTC PORTAL MODEL"** is a bonafide work done by ARIGELA PRANAY KUMAR (20R11A6701) B.DIVIN (20R11A6705) CHARAN SAI PARITALA (20R11A6708) in partial fulfillment of the requirement of the award for the degree of Bachelor of Technology in "**Computer Science and Engineering**" from Jawaharlal Nehru Technological University, Hyderabad during the year 2016-2017.

Internal Guide   **HOD - CSE**

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DECLARATION BY THE CANDIDATE

I/We, ARIGELA PRANAY KUMAR (20R11A6701), B.DIVIN (20R11A6705),CHARAN SAI PARITALA (20R11A6708) hereby declare that the project report entitled **"GCTC PORTAL MODEL"** is done under the guidance of **Ms. VYBHAVI**, Department of Computer Science and Engineering, Geethanjali College of Engineering and Technology, is submitted in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering**.

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iii

ACKNOWLEDGEMENT

ABSTRACT

The abstract of the project is to design a Gctc portal Model while changing a few things about the portal look and organization, the project is completely made using native HTML, CSS and JavaScript

Some things which are an Improvement over the original portal are

- Digital library

- Improved Animations

- Rearranged Notifications

- Placement Details Improvement

- A registration from where students can register to receive updates from the collage

List of figures/diagrams/graphs

| GCTCPORTAL | Home | Register | Notifications | Placment details | Digital library | Contact us |

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1. Introduction

1.1 About the project

The project is made in attempts to understand all the steps required to make a full working real life project and how things work internally, some of the improvements are made to the project and some parts of the projects are reverse engineered to make the project feel the same to a normal user

1.2 Objective

1. The project is divided into 6 Parts

    1. Home

    2. Register

    3. Notifications

    4. Placement Details

    5. Digital library

    6. Contact Us

2. At first Opening the project the User will be taken into the home screen where different widgets are loaded in the body section

3. From that the user can select which option they may like E.g. : Join social Media page, Results, Placement Details and Register links

4. At the footer section all the social media Handles of the official Geethanjali college are provided and a few Examples of all the projects done by College are Displayed

5. Users can navigate to the Register page and fill in the required details ,This details will further be used to send information about the college directly to the registered number

6. Notifications and Placement details are further re-designed to provide more information

7. Digital library ,The Books in the Digital library are arranged accordingly to provide maximum ease of use

8. All the books are separated by the year and section alike

2. System Analysis

2.1 Existing System

The existing system has some issues with the Animation and some lack of features like a Digital library and a student registration form where the students can enter or update their data to which their information needs to be sent

2.2 Proposed System

2.2.1 Details

The original idea of the project was to make a model design of the Gctc website which can be used as alternative to the official Gctc portal, improving in the areas of Animations and user accessibility

2.2.2 Impact on Environment

The project has no effect on the environment

2.2.3 Safety

The user security is not compromised and no data of the user will be able to viewed by and user other than the administrator

2.2.4 Cost

The cost of the project is quite negligible as it is a open source project and all the services or updates provided by the portal are by student volunteers

2.2.6 Type

Web application

2.3 Scope of the Project

2.4 Modules Description

The two essential features which are the center of the design were Digital library service and Registration page

Digital library

It can be very helpful to many students and it has very little maintenance, some students need to volunteer every year and need to check the contents of the files available and need to update it if any newer version of the files are available to download

Registration

Registration is the module where the required information is entered by the user and to that number or email all the required information about the user will be sent such as, Results information and attendance information

2.5 System Configuration

No additional configuration to the system are needed

3. Literature Overview

The tools required to run the project are

OS: Windows

Additional software: XAMPP, Browser

4. System Design

4.1 System Architecture

The system is divided into 5 working modules and 2 of them are connected to a database, The index file acts as the main entry point to the user and then users can navigate through it

4.2 UML Diagrams

Register

User-name	
password	
Phone number	

Contact

User name	
Phone number	

6
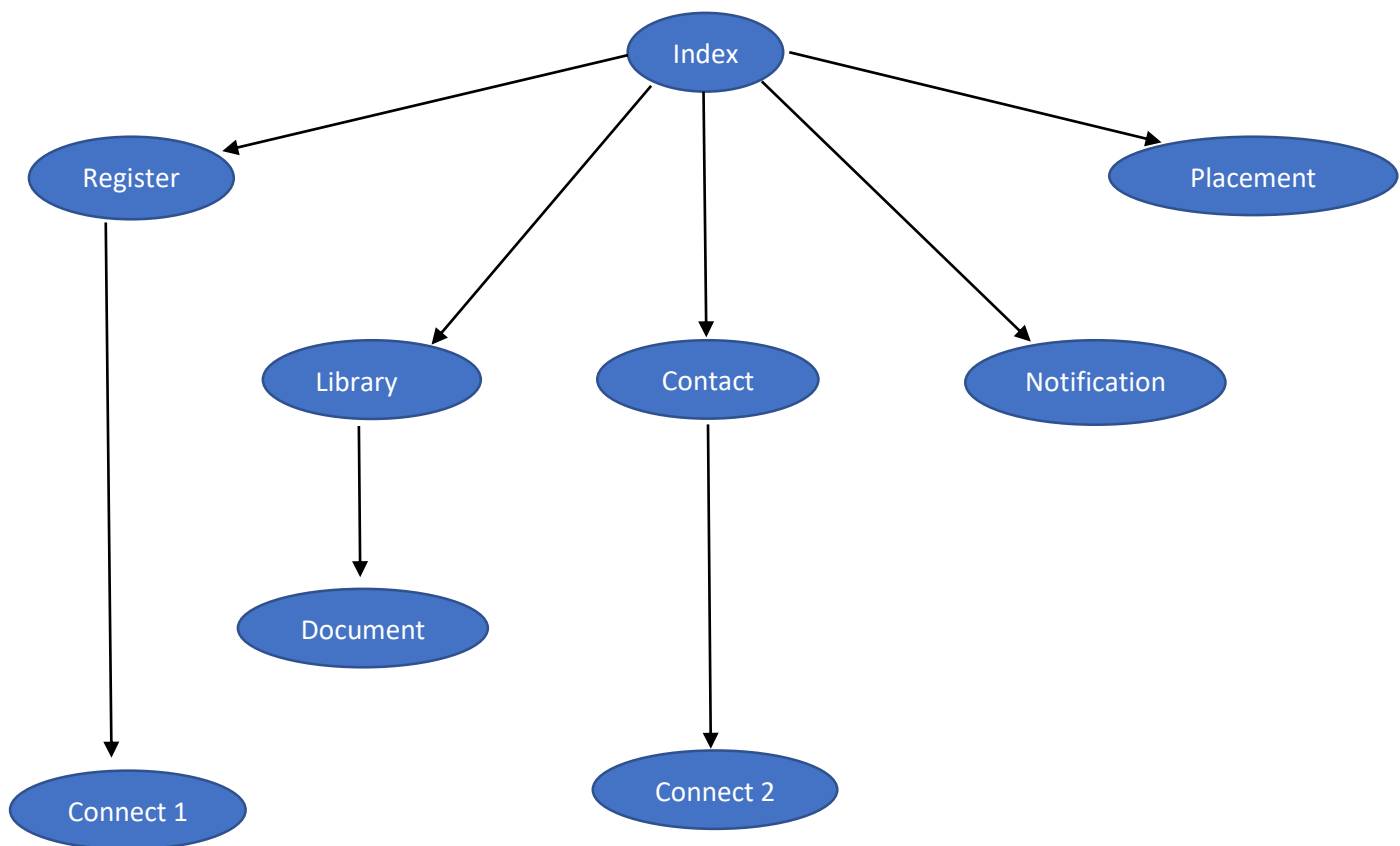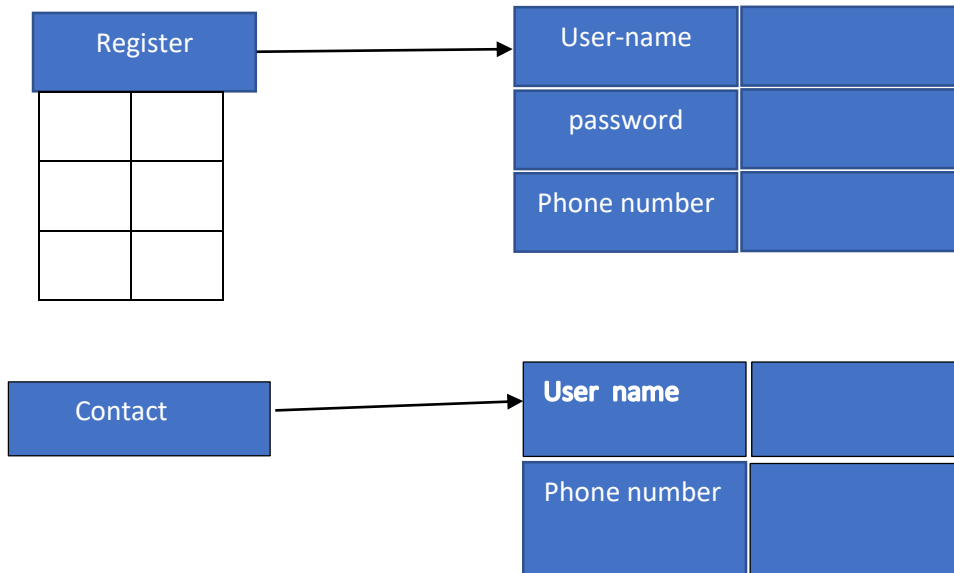
5. Sample Code

5.1 Coding

1. Navigation

```html
<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Geetanjali </title>

  <!--<link rel="stylesheet" type="text/css" href="index.css">-->

    <style type="text/css">


    body

    {

       margin: 0;

       padding: 0;
```

```css
    background: white;

  }


nav

{

  width: 100%;

  background: whitesmoke;

  overflow: auto;

}


.heading

{

  padding: 0;

  margin: 0 0 0 150px;

  justify-content: center;

  list-style: none;

}


.heading li

{
```

```css
    float: left;

    list-style: none;

}


.list

{

    float: left;

    list-style: none;

}


.heading li a

{

    text-decoration: none;

    color: black;

}

nav a

{

    width: 120px;

    height: 25px;

    display: block;
```

```css
    padding: 15px 25px;

    font-family: "Times New Roman", Times, serif;

    color: black;

    text-align: center;

 }


.heading li a::after

{

    content: ' ';

    width: 0;

    height: 4px;

    background-color: coral;

    margin: auto;

    display: block;

}

.heading li a:hover

{

    color: orangered;

}
```

```css
.heading li a:hover::after

{

    width: 100%;

    transition: width 0.2s linear;

}


.footer-container

{

    background-color: black;

    padding-bottom: 4rem;

    padding: 2rem 0 4rem 0;

}
```

```html
<body>

    <div>

        <nav>

            <ul class="heading" >

                <li><a href="index.html"><img src="logo.jpg"
style="width:110px;height:25px;"></a></li>

                <li><a href="index.html">Home </a></li>
```

11

```html
        <li><a href="register.html">Register </a></li>

        <li><a href="notifications.html">Notifications </a></li>

        <li><a href="placement.html">Placment details </a></li>

        <li><a href="digital.html">Digital library </a></li>

        <li><a href="contact.html">Contact us </a></li>

     </ul>

   </nav>

 </div>
```

2.Footer

```css
.footer-container

    {

        background-color: black;

        padding-bottom: 4rem;

        padding: 2rem 0 4rem 0;

    }


    .footer

    {
```

```css
        width: 95%;

        height: 20%;

        bottom: 5px;

        text-align: left;

/**background-color: burlywood;**/

        color: white;

        display: inline-flex;

        justify-content: center;

        flex-wrap: wrap;

        margin: 0 auto;

    }


    .footer-heading

    {

        display: flex;

        flex-direction: column;

        margin-right: 4rem;

        color: orangered;

    }
```

```css
.footer-heading h2

{

    margin-bottom: 2rem;

    font-family: arial;

    font-style: bold;

}


.footer-heading a

{

    color: white;

    text-decoration: none;

    margin-bottom: 0.5rem;

}


.footer-heading a:hover

{

    color: red;

    transition: 0.3s  ease-out;

}
```

```css
.footer-heading ul li

{

    display: flex;

    width: 20px;

    height: 10px;

    text-align: center;

    background: black;

    border-radius: 100%;

    margin: 2px 10px;

}


.body{

    display: flex;

    justify-content: center;

    align-items: center;

    height: 100vh;

}


.form{

    width: 360px;
```

```css
   padding: 4rem 2rem;

   border-radius: 1rem;

   box-shadow: 0 10px 20px rgba(92, 99, 105, .2);

}


.title{

   font-weight: 400;

   margin-bottom: 3rem;

}


.formd{

   position: relative;

   height: 48px;

   margin-bottom: 1.5rem;

}


.formi{

   position: absolute;

   top: 0;

   left: 0;
```

```css
    width: 90%;

    height: 100%;

    font-size: 1rem;

    border: 1px solid white;

    border-radius: .5rem;

    outline: none;

    padding: 0;

    background: none;

    z-index: 1;

}


.forml{

    position: absolute;

    left: 1rem;

    top: 1rem;

    padding: 0 .25rem;

    background-color: white;

    color: gray;

    font-size: 1rem;

    transition: .3s;
```

```css
    }


.formb{

    display: block;

    position: relative;

    margin-left: auto;

    padding: 1rem 4rem;

    outline: none;

    border: none;

    background-color: coral;

    color: white;

    font-size:1rem ;

    border-radius: .5rem;

    cursor: pointer;

    transition: .3s;

}


.formb:hover{

    box-shadow: 0 10px 36px rgba(0, 0, 0, .15);
```

```css
    }


.formi:focus + .forml{

    top: -.5rem;

    left: .8rem;

    color: coral;

    font-size: .75reml;

    font-weight: 500;

    z-index: 10;

}


.formi:not(:placeholder-shown).formi:not(:focus)+ .forml{

    top: -.5rem;

    left: .8rem;

    font-size: .75rem;

    font-weight: 500;

    z-index: 10;

}


.formi:focus{
```

```css
        border: 1.5px solid coral;

    }


    h1{

       color: orange;

    }


    p{

       font-size: 1rem;

       font-weight: 800;

    }

    .head1{

       justify-content: center;

       text-indent: 20px;

    }
```

```html
<footer>

        <div class="footer-container">

           <div class="footer">

              <div class="footer-heading footer-1">
```

```html
<h2>Useful Information </h2>

            <a
href="https://docs.google.com/forms/d/e/1FAIpQLSccR1Uayj6I9i7uzFEa9rrR3LBg_hehKPRM
LdXvuhGgyfx32g/viewform">Resume Generator </a>

            <a
href="http://www.geethanjaliinstitutions.com/engineering/img/downloads/B.Tech%20Academic
%20Calendar%20II,%20III&IV%20year%202021-22.pdf">Acadamic Calender</a>

            <a href="https://www.gctcportal.in/p/syllabus.html">Syllabus  </a>

            <a href="https://www.gctcportal.in/p/fee-particulars.html">Fee particulars
</a>

            <a href="https://www.gctcportal.in/p/programmes-offered-by-
college.html">Intake </a>

            <a href="https://www.gctcportal.in/p/library.html">Library zone </a>

            <a href="https://www.gctcportal.in/p/academic-
overview.html">Academic Overiew </a>

        </div>


        <div class="footer-heading footer-2">

          <h2>Reference sites </h2>

            <a href="https://geethanjaliinstitutions.com/">Geetanjali institution </a>

            <a href="https://jntuh.ac.in/">JNTU Hyderabad </a>

        </div>
```

```html
<div class="footer-heading footer-3" align="center">

  <h2>Social media  </h2>

    <ul>

        <li class="list">

            <a class="social"href="https://www.facebook.com/groups/gctcportal " target="_blank">

                <ion-icon name="logo-facebook"></ion-icon>

            </a>

        </li>


        <li class="list">

            <a href="https://www.youtube.com/user/GCTCPORTAL" target="_blank" >

                <ion-icon name="logo-youtube"></ion-icon>

            </a>

        </li>


        <li class="list">

            <a href="https://www.instagram.com/accounts/login/?next=/gctcportal/" target="_blank">
```
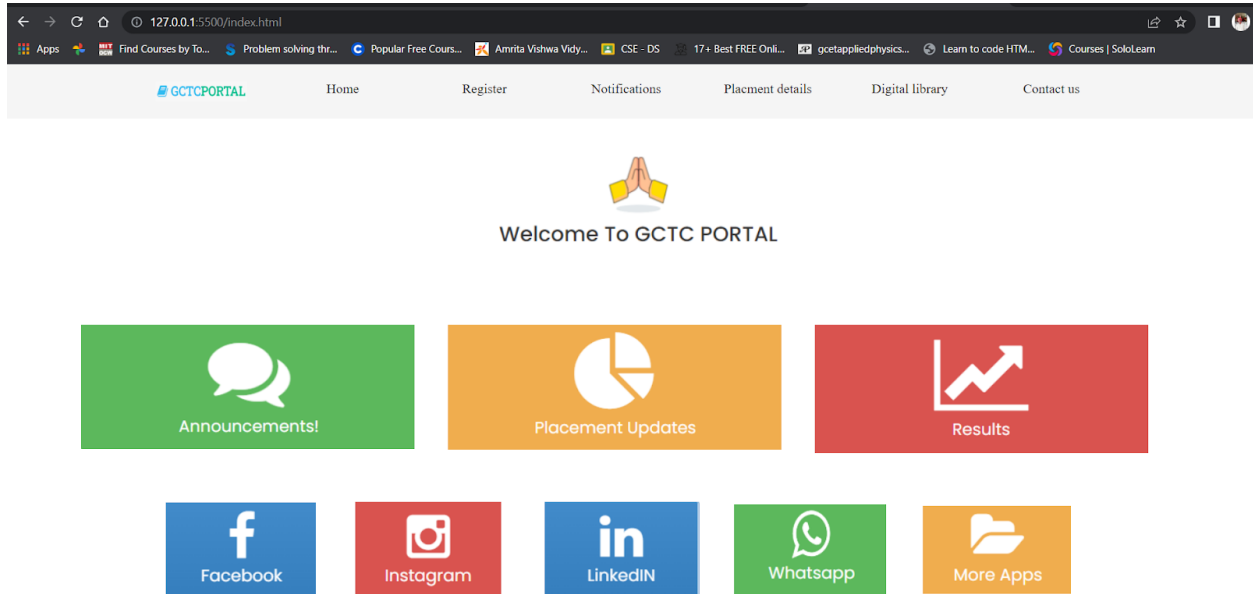
```html
                    <ion-icon name="logo-instagram"></ion-icon>

                </a>

            </li>


            <li class="list">

                <a href="https://twitter.com/GCTCPORTAL" target="_blank">

                    <ion-icon name="logo-twitter"></ion-icon>

                </a>

            </li>

        </ul>

    </div>

    </div>

    </div>

    </footer>

    <script src="https://unpkg.com/ionicons@4.5.10-0/dist/ionicons.js"></script>

</body>

</html>
```

6. Output Screens

Placment

13/2/22

TRAINING

Cognization Click here

22/1/22

ON-CAMPUS

Xoriant Click here

28/12/21

VIRTUAL

Goldman Sachs Click here

23/8/21

VIRTUAL

Cognization Click here

26/7/21

Notifications

2/5/22

General

TRANSPORT NOTIFICATIONS Available Here

1/5/22

General

TRANSPORT NOTIFICATIONS Available Here

30/4/22

General

TRANSPORT NOTIFICATIONS Available Here

29/4/22

General

SPORTS PRIZES Available Here

MBA

END EXAM SEATING ARRANGMENT Available Here

Digital Library

First Year

PPS-1

[View]

[Download]

BEE

[View]

[Download]

Second Year

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7. Conclusion

   In the above project we have completed all the necessary improvements to the current portal as we initially required and in this process we learned a lot about web development and deployment

8.   Bibliography

8.1 Websites References

https://www.youtube.com/watch?v=FEmysQARWFU

https://www.youtube.com/watch?v=5WoQm7tR6EA

https://www.youtube.com/watch?v=_aeGklpReaM