TRINITY INTERNATIONAL SS & COLLEGE

Kathmandu, Nepal

2024

PROJECT WORK ON WEB TECHNOLOGY

(COMPUTER SCIENCE)

SUBMITTED BY: SUBMITTED TO:

NAME: Dipesh Yadav   Kapil Dhungel

GRADE: XI   Computer Department

STUDENT ID NUMBER: 29076

EMAIL: dipeshy923@gmail.com

TRINITY INTERNATIONAL SS & COLLEGE

Kathmandu, Nepal

Date: 4/22/2024

A PROJECT WORK ON WEB TECHNOLOGY

A report about the partial fulfillment of the requirements of the internal evaluation of Grade XI under Nepal Education Board (NEB) in Computer Science

Of:

Name: **Dipesh Yadav**

Section: DA1

ID Number: **29076**

Registration Number:

TRINITY INTERNATIONAL SS & COLLEGE

DILLIBAZAR HEIGHT, KATHMANDU

NEPAL

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LETTER OF DECLARATION

I hereby declare that the work presented in this project report has been done by myself under the supervision of Kapil Dhungel, and has not been submitted elsewhere for any examination. All sources of information have been specifically acknowledged by references to authors or institutions.

Date: 04/22/2024 ………………………….

Supervisor's Signature

Name: Dipesh Yadav

Grade: XI

Section: DA1

TRINITY INTERNATIONAL SS & COLLEGE

Kathmandu, Nepal

LETTER OF APPROVAL

The project work entitled **"WEB TECHNOLOGY"** submitted to **Trinity International SS & College** by **Mr. Dipesh Yadav**, has been approved as the partial fulfillment of the requirements of the internal evaluation**.**

Date: 04/22/2024   ………………………….

                                                                        Supervisor's   Signature

                                                                        Kapil Dhungel

                                                                        Department Of Computer

                                                                        Trinity International SS & College

ACKNOWLEDGEMENT

I would like to express our sincere gratitude to everyone who contributed to the development of this project in web technology.

First and foremost, I extend my heartfelt thanks to our instructor, Kapil Dhungel Sir, whose guidance and expertise have been invaluable throughout this journey. Their mentorship and encouragement have inspired us to push our boundaries and explore new horizons in web development.

We are also immensely grateful to our classmates and peers for their collaboration and support. Their insights, feedback, and teamwork have played a significant role in shaping this project into what it is today.

Last but not least, we express our gratitude to the open-source community for providing valuable resources, libraries, and frameworks that facilitated the development process.

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THEORY

- **HTML:**

  HTML, or Hypertext Markup Language, consists of the information's present in webpage. HTML provides the structure for web content. It uses elements like headings, paragraphs, and lists to organize information. Think of it as a set of building blocks that tell web browsers how to display text, images, links, and other elements on a webpage. With HTML, you can create headings to make text stand out, paragraphs to organize your thoughts, and links to connect different pages together. It's the foundation upon which websites are built, making it essential for anyone looking to create content for the web.

- **CSS:**

  CSS, or Cascading Style Sheets, is like the stylist of a webpage. While HTML provides the structure, CSS adds the style and appearance. It allows you to change things like colors, fonts, spacing, and layout to make your webpage look attractive and visually appealing. With CSS, you can customize the look of elements created with HTML, such as changing the background color, adding borders, creating rounded corners, and even adding animations. CSS works by targeting HTML elements and applying styles to them, either directly or through classes and IDs. It helps you create a consistent and visually pleasing design across your entire website, making it more engaging and user-friendly for visitors.

SYSTEM REQUIREMENTS

Operating system: Windows 10 / 2024

Editor: Visual Studio Code

Hardware: i3 Processor, RAM 4 GB, 512 GB HDD

Browser: Chrome

SOURCE CODE

1. Home Page (index.html)

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>GLOBE CUSTOMIZER || REBUILD YOUR PC</title>
    <link rel="icon" type="image/x-icon" href="images/gc.jpg" />
    <link rel="stylesheet" href="style.css" />
  </head>
  <body>
    <div
      class="main"
      style="
        background: linear-gradient(rgba(9, 5, 54, 0.3), rgba(5, 4, 46, 0.7)),
          url(images/homepage.jpg);
        background-size: cover;
      "
    >
      <!-- navigation bar -->

      <header>
        <div class="icon">
          <h2 class="logo">GC</h2>
        </div>

        <div class="menu">
          <b
            ><ul>
              <li><a href="">HOME</a></li>
              <li><a href="about.html">ABOUT</a></li>
              <li><a href="services.html">SERVICES</a></li>
              <li><a href="contact.html">CONTACT</a></li>
            </ul></b
          >
        </div>

        <div class="search">
          <input
            class="srch"
```

```html
              type="search"
              name=""
              placeholder="Type To text"
            />
            <a href="#"> <button class="btn">Search</button></a>
          </div>
        </header>

        <!-- navigation bar end -->

        <!-- content begin -->

        <div class="homecontent">
          <h3>Get Your PC Customed!</h3>
          <h1>GLOBE CUSTOMIZER</h1>
          <p>
            <b
              >Get Your PC Be Custom Built By the Expert Of The Country In Just
              One Click</b
            >
          </p>

          <a href="services.html"
            ><button type="button" class="hbutton">
              <span class="hspan"></span> <b>SERVICES</b>
            </button></a
          >
          <a href="contact.html"
            ><button type="button" class="hbutton">
              <span class="hspan"></span> <b>CONTACT</b>
            </button></a
          >
        </div>

        <!-- content end -->

      </div>
    </body>
</html>
```

2. About Page (about.html)

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>ABOUT || GLOBE CUSTOMIZER</title>
    <link rel="icon" type="image/x-icon" href="images/gc.jpg" />
    <link rel="stylesheet" href="style.css" />
  </head>
  <body>
    <div
      class="main"
      style="
        background: linear-gradient(rgba(9, 5, 54, 0.3), rgba(5, 4, 46, 0.7)),
          url(images/about.jpg);
        background-repeat: no-repeat;
        background-size: cover;
      "
    >
      <!-- navigation bar start -->

      <header>
        <div class="icon">
          <h2 class="logo">GC</h2>
        </div>

        <div class="menu">
          <ul>
            <li><a href="index.html">HOME</a></li>
            <li><a href="">ABOUT</a></li>
            <li><a href="services.html">SERVICES</a></li>
            <li><a href="contact.html">CONTACT</a></li>
          </ul>
        </div>

        <div class="search">
          <input
            class="srch"
            type="search"
            name=""
            placeholder="Type To text"
          />
          <a href="#"> <button class="btn">Search</button></a>
```

```html
        </div>
      </header>

      <!-- navigation bar end  -->

      <!-- about us content begin -->

      <div class="wrapper">
        <div class="testimonal">
          <article>
            <h1>ABOUT</h1>
            <img src="images/mikey.jpg" />
            <blockquote>
              Hey There! I got a thought about this company when I was in
              class-11 while I was bored studying thermodynamics in classroom.
              In class 12 I began this company and as an individual I am running
              this business in Kathmandu. I am pretty experienced in PC custom
              building and in guiding about latest computer hardwares.
            </blockquote>
            <h5>Dipesh</h5>
            <p>Founder</p>
          </article>
        </div>
      </div>
      <!-- about us content end         -->
    </div>
  </body>
</html>
```

3. Services Page (services.html)

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>SERVICES || GLOBE CUSTOMIZER</title>
    <link rel="icon" type="image/x-icon" href="images/gc.jpg" />
    <link rel="stylesheet" href="style.css" />
  </head>
  <body>
    <div
      class="main"
      style="
        background: linear-gradient(rgba(9, 5, 54, 0.3), rgba(5, 4, 46, 0.7)),
          url(images/services.jpg);
        background-size: cover;
      " >
      <!-- navigation bar -->

      <header>
        <div class="icon">
          <h2 class="logo">GC</h2>
        </div>

        <div class="menu">
          <ul>
            <li><a href="index.html">HOME</a></li>
            <li><a href="about.html">ABOUT</a></li>
            <li><a href="">SERVICES</a></li>
            <li><a href="contact.html">CONTACT</a></li>
          </ul>
        </div>

        <div class="search">
          <input
            class="srch"
            type="search"
            name=""
            placeholder="Type To text" />
          <a href="#"> <button class="btn">Search</button></a>
        </div>
      </header>
```

```html
<!-- navigation bar end -->

<!-- content begin -->

<section id="service">
  <h1 style="letter-spacing: 1px">
    Our <span class="h1span">Popular</span> Services
  </h1>
  <p>
    Our Every Services are
    <span class="pspan"><b>Best and Affordable </b></span> too
  </p>
  <div class="service-box">
    <div class="services">
      <a href="contact.html"
        ><img src="images/cpuliquid.jpg" alt="" />
      </a>
      <div class="details">
        <h6>CPU Cooling System Customization</h6>
        <div class="star">
          <i class="fa fa-star" aria-hidden="true"></i>
          <i class="fa fa-star" aria-hidden="true"></i>
          <i class="fa fa-star" aria-hidden="true"></i>
          <i class="fa fa-star" aria-hidden="true"></i>
          <i class="fa fa-star-o" aria-hidden="true"></i>
          <span>(359)</span>
        </div>
      </div>
      <div class="cost">$599.99</div>
    </div>
    <div class="services">
      <a href="contact.html"><img src="images/system.jpg" alt="" /> </a>
      <div class="details">
        <h6>Whole System Customization</h6>
        <div class="star">
          <i class="fa fa-star" aria-hidden="true"></i>
          <i class="fa fa-star" aria-hidden="true"></i>
          <i class="fa fa-star" aria-hidden="true"></i>
          <i class="fa fa-star" aria-hidden="true"></i>
          <i class="fa fa-star-o" aria-hidden="true"></i>
          <span>(590)</span>
        </div>
      </div>
      <div class="cost">$999.99</div>
    </div>
```

```html
        <div class="services">
          <a href="contact.html"
            ><img src="images/graphicscard.jpg" alt="" />
          </a>
          <div class="details">
            <h6>Graphics Card Customization</h6>
            <div class="star">
              <i class="fa fa-star" aria-hidden="true"></i>
              <i class="fa fa-star" aria-hidden="true"></i>
              <i class="fa fa-star" aria-hidden="true"></i>
              <i class="fa fa-star" aria-hidden="true"></i>
              <i class="fa fa-star-o" aria-hidden="true"></i>
              <span>(307)</span>
            </div>
          </div>
          <div class="cost">$99.99</div>
        </div>
      </div>
    </section>

    <!-- content end        -->
  </div>
  <script
    src="https://kit.fontawesome.com/926faa5354.js"
    crossorigin="anonymous"
  ></script>
  </body>
</html>
```

4. Contact Page (contact.html)

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>CONTACT || GLOBE CUSTOMIZER</title>
    <link rel="icon" type="image/x-icon" href="images/gc.jpg" />
    <link rel="stylesheet" href="style.css" />
  </head>
  <body>
    <div
      class="main"
      style="
        background: linear-gradient(rgba(9, 5, 54, 0.3), rgba(5, 4, 46, 0.7)),
          url(images/contact.jpg);
        background-size: cover;
      "
    >
      <!-- navigation bar start -->

      <header>
        <div class="icon">
          <h2 class="logo">GC</h2>
        </div>

        <div class="menu">
          <ul>
            <li><a href="index.html">HOME</a></li>
            <li><a href="about.html">ABOUT</a></li>
            <li><a href="services.html">SERVICES</a></li>
            <li><a href="">CONTACT</a></li>
          </ul>
        </div>

        <div class="search">
          <input
            class="srch"
            type="search"
            name=""
            placeholder="Type To text"
          />
          <a href="#"> <button class="btn">Search</button></a>
        </div>
```

```html
</header>

<!-- navigation bar end  -->

<!-- content begin -->

<div class="contact">
  <h1>Globe<br /><span>Customizers</span></h1>
  <p class="par">
    Globe Customizer is always ready to help you with any type of
    <br />customizations you want. We provide services like hardware
    <br />exchnage, PC sell, full system upgrade and many more.
    <b
      ><br />Contact No. +977-9876543210, +01-55555 <br />
      Dillibazar Height, Kathmandu</b
    >
  </p>

  <button class="cn">
    <a href="services.html"><b>SERVICES</b></a>
  </button>

  <div class="form">
    <h2>Contact Us</h2>
    <form
      method="POST"
      action="https://formspree.i/f/xgegrzqv"
    >
      <input type="text" name="Name" placeholder="Enter Your Name Here" />

      <input
        type="email"
        name="Email"
        placeholder="Enter Email Here"
        required
      />
      <input
        type="text"
        name="Message"
        placeholder="Enter Message Here"
      />
      <button type="submit" class="btnn" id="submit" value="Submit">
        Submit
      </button>
      <button type="reset" class="btnn" id="reset">Reset</button>
```

```html
          <div class="icons">
            <a href="https://www.facebook.com/dipeshy923"
              ><ion-icon name="logo-facebook"></ion-icon
            ></a>
            <a href="https://www.instagram.com/_dip.esh.ydv_/"
              ><ion-icon name="logo-instagram"></ion-icon
            ></a>
            <a href="https://twitter.com/dip_esh_ydv"
              ><ion-icon name="logo-twitter"></ion-icon
            ></a>
            <a href="https://chat.google.com/room/AAAAv7DGruI?cls=7"
              ><ion-icon name="logo-google"></ion-icon
            ></a>
          </div>
        </form>
      </div>
    </div>

    <!-- contact content end          -->
  </div>
  <script src="https://unpkg.com/ionicons@5.4.0/dist/ionicons.js"></script>
  </body>
</html>
```

5. CSS (style.css)

```css
@import
url("https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,100;0,200;0,300
;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,
800;1,900&display=swap");

* {
  margin: 0;
  padding: 0;
  font-family: "Poppins", sans-serif;
}

/* navigation bar */

.main {
  width: 100%;
  background-position: center;
  background-size: cover;
  height: 100vh;
}

header {
  width: 1200px;
  height: 75px;
  margin: auto;
}

.icon {
  width: 200px;
  float: left;
  height: 70px;
}

.logo {
  color: #f1ff6f;
  font-size: 35px;
  font-family: Arial;
  padding-left: 20px;
  float: left;
  padding-top: 10px;
  margin-top: 5px;
  cursor: pointer;
```

```css
}

.menu {
  width: 400px;
  float: left;
  height: 70px;
}

ul {
  float: left;
  display: flex;
  justify-content: center;
  align-items: left;
}

ul li {
  list-style: none;
  margin-left: 80px;
  margin-top: 27px;
  font-size: 14px;
}

ul li a {
  text-decoration: none;
  color: #fff;
  font-family: Arial;
  font-weight: bold;
  transition: 0.4s ease-in-out;
}

ul li a:hover {
  color: #ff7200;
}

.search {
  width: 330px;
  float: left;
  margin-left: 270px;
}

.srch {
  font-family: "Times New Roman";
  width: 200px;
  height: 40px;
  background: transparent;
```

```css
  border: 1px solid #ff7200;
  margin-top: 13px;
  color: #fff;
  border-right: none;
  font-size: 16px;
  float: left;
  padding: 10px;
  border-bottom-left-radius: 5px;
  border-top-left-radius: 5px;
}

.btn {
  width: 100px;
  height: 40px;
  background: #ff7200;
  border: 2px solid #ff7200;
  margin-top: 13px;
  color: #fff;
  font-size: 15px;
  border-bottom-right-radius: 5px;
  border-bottom-right-radius: 5px;
  transition: 0.2s ease;
  cursor: pointer;
}
.btn:hover {
  color: #000;
}

.btn:focus {
  outline: none;
}

.srch:focus {
  outline: none;
}

/* navigation bar end  */

/* homapage content  */

.homecontent {
  width: 100%;
  position: absolute;
  top: 50%;
  transform: translateY(-50%);
```

```css
  text-align: center;
  color: #fff;
}

.homecontent h1 {
  font-size: 60px;
  color: #f1ff6f;
}

.homecontent h3 {
  margin: 65px 0px 10px 0px;
  font-weight: 500;
  line-height: 25px;
  font-size: 30px;
  letter-spacing: 1.5px;
}
.homecontent p {
  margin: 10px 20px 10px 1px;
  font-weight: 500;
  line-height: 25px;
  font-size: 18px;
  letter-spacing: 1.5px;
}

.hbutton {
  width: 200px;
  padding: 15px 0;
  text-align: center;
  margin: 20px 10px;
  border-radius: 25px;
  font-weight: bold;
  border: 2px solid #ff7200;
  background: transparent;
  color: #fff;
  cursor: pointer;
  position: relative;
  overflow: hidden;
}

.hspan {
  background: #ff7200;
  height: 100%;
  width: 0;
  border-radius: 25px;
  position: absolute;
```

```css
    left: 0;
    bottom: 0;
    z-index: -1;
    transition: 0.5s;
}

.hbutton:hover span {
    width: 100%;
}

.hbutton:hover {
    border: none;
}

/* home content end  */

.contact {
    width: 1200px;
    height: auto;
    margin: auto;
    color: #fff;
    position: relative;
}

.contact .par {
    padding-left: 20px;
    padding-bottom: 25px;
    font-family: Arial;
    letter-spacing: 1.2px;
    line-height: 30px;
}

.contact h1 {
    font-family: "Times New Roman";
    font-size: 50px;
    padding-left: 20px;
    margin-top: 7%;
    letter-spacing: 2px;
}

.contact .cn {
    width: 160px;
    height: 40px;
    background: #ff7200;
    border: none;
```

```css
  margin-bottom: 10px;
  margin-left: 20px;
  font-size: 18px;
  border-radius: 10px;
  cursor: pointer;
  transition: 0.4s ease;
}

.contact .cn a {
  text-decoration: none;
  color: #000;
  transition: 0.3s ease;
}

.cn:hover {
  background-color: #fff;
}

.contact span {
  color: #ff7200;
  font-size: 65px;
}

.form {
  width: 250px;
  height: 360px;
  background: linear-gradient(
    to top,
    rgba(255, 255, 255, 0.2) 50%,
    rgba(255, 255, 255, 0.2)
  );
  position: absolute;
  top: -2px;
  left: 870px;
  transform: translate(0%, -5%);
  backdrop-filter: blur(5px);
  border-radius: 10px;
  padding: 25px;
}

.form h2 {
  width: 220px;
  font-family: sans-serif;
  text-align: center;
  color: #ff7200;
```

```css
  font-size: 22px;
  background-color: #fff;
  border-radius: 10px;
  margin: 2px;
  padding: 8px;
}

.form input {
  width: 240px;
  height: 35px;
  background: transparent;
  border-bottom: 1px solid #ff7200;
  border-top: none;
  border-right: none;
  border-left: none;
  color: #fff;
  font-size: 15px;
  letter-spacing: 1px;
  margin-top: 30px;
  font-family: sans-serif;
  transition: 0.3s;
}

.form input:focus {
  outline: none;
  width: 260px;
  height: 40px;
  border-bottom: 3px solid white;
}

::placeholder {
  color: #fff;
  font-family: Arial;
}

.btnn {
  width: 120px;
  height: 40px;
  background: #ff7200;
  border: none;
  margin-top: 30px;
  font-size: 18px;
  border-radius: 10px;
  cursor: pointer;
  color: #fff;
```

```css
  transition: 0.4s ease;
  text-decoration: none;
  color: #000;
  font-weight: bold;
}
.btnn:hover {
  background: #fff;
  color: #ff7200;
}

.form .link {
  font-family: Arial, Helvetica, sans-serif;
  font-size: 17px;
  padding-top: 20px;
  text-align: center;
}
.form .link a {
  text-decoration: none;
  color: #ff7200;
}
.liw {
  padding-top: 15px;
  padding-bottom: 10px;
  text-align: center;
}
.icons a {
  text-decoration: none;
  color: #fff;
}
.icons ion-icon {
  color: #fff;
  font-size: 30px;
  padding-left: 22.5px;
  padding-top: 20px;
  transition: 0.3s ease;
}
.icons ion-icon:hover {
  color: #ff7200;
}

/* contact content end  */

/* about us content */

.wrapper {
```

```css
    text-align: center;
    color: #fff;
    line-height: 1.5;
    letter-spacing: 1px;
    width: 400px;
    padding: 10px;
    position: absolute;
    top: 54%;
    left: 50%;
    transform: translate(-50%, -50%);
    background: rgba(255, 255, 255, 0.2);
    backdrop-filter: blur(15px);
    border-radius: 10px;
    border: 1px solid rgba(255, 255, 255, 0.18);
}

article h1 {
    font-size: 40px;
    font-weight: 800;
    text-transform: uppercase;
    letter-spacing: 1.5px;
}

article h1:after {
    content: "";
    height: 5px;
    width: 225px;
    background-color: #fff;
    display: block;
    margin: auto;
}

article img {
    height: 150px;
    width: 150px;
    border: 2px solid #fff;
    border-radius: 60%;
    margin: 30px 0px 20px 0px;
}

blockquote {
    text-align: justify;
    font-family: sans-serif;
    font-size: 16px;
}
```

```css
article h5 {
  text-transform: uppercase;
  font-size: 27px;
  letter-spacing: 1.5px;
}
article p {
  font-size: 17px;
  padding-top: 0px;
}

/* about us content end */

/* service content */

#service {
  text-align: center;
}
#service .service-box {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(320px, 1fr));
  grid-gap: 1rem;
  margin-top: 5px;
}

#service .services {
  text-align: start;
  background: #f9f9ff;
  width: 350px;
  height: 80%;
  margin: auto 40px auto 40px;
  border-radius: 15px;
  border: 1px solid rgba(255, 255, 255, 0.18);
  position: relative;
}

#service .services:hover {
  transform: scale(1.05);
}

#service h1,
p,
a { padding-top: 5px;
  color: white; }

#service .h1span { color: #fdc93b; }
```

```css
#service .pspan {
  color: #ff7200;
}

#service .services img {
  width: 90%;
  height: 80%;
  border-radius: 15px;
  border: 1px solid rgba(255, 255, 255, 0.18);
  padding-left: 18px;
  padding-top: 10px;
}

#service .services .details {
  padding: 3px 15px 0 18px;
}

#service .services .details i {
  color: #fdc93b;
  font-size: 0.9rem;
}

#service .services .details h6 {
  color: #7700ff;
  font-size: 0.9rem;
}

#service .services .cost {
  background-color: rgb(74, 74, 136);
  color: #fff;
  line-height: 70px;
  width: 70px;
  height: 70px;
  text-align: center;
  border-radius: 50%;
  position: absolute;
  right: 5px;
  bottom: 40px;
}

/* services content end  */
```
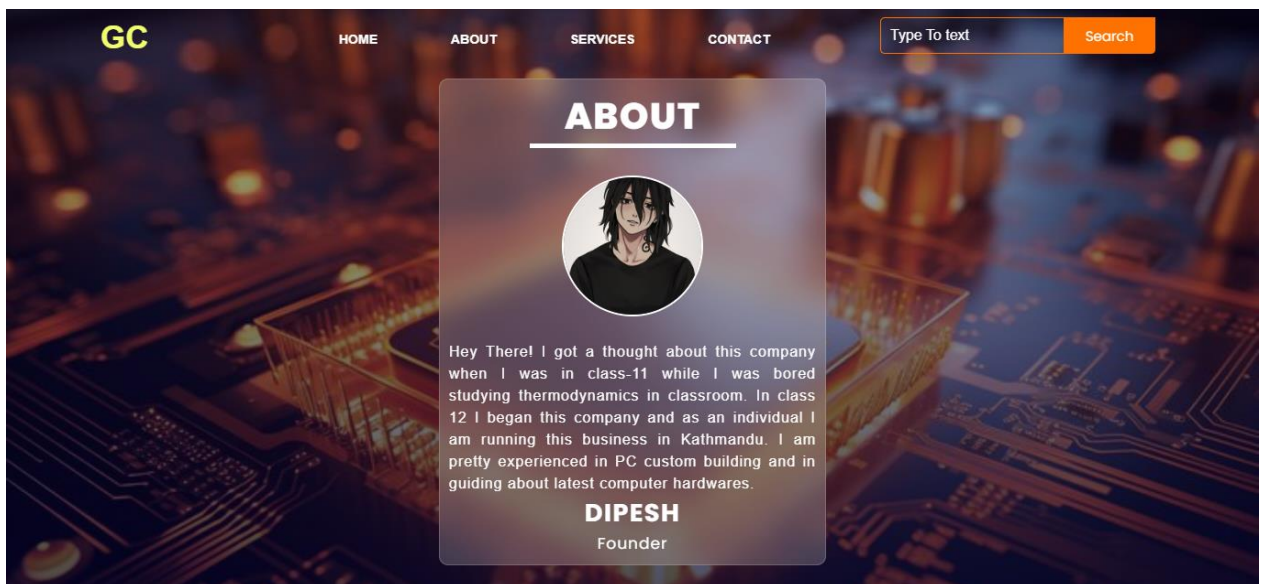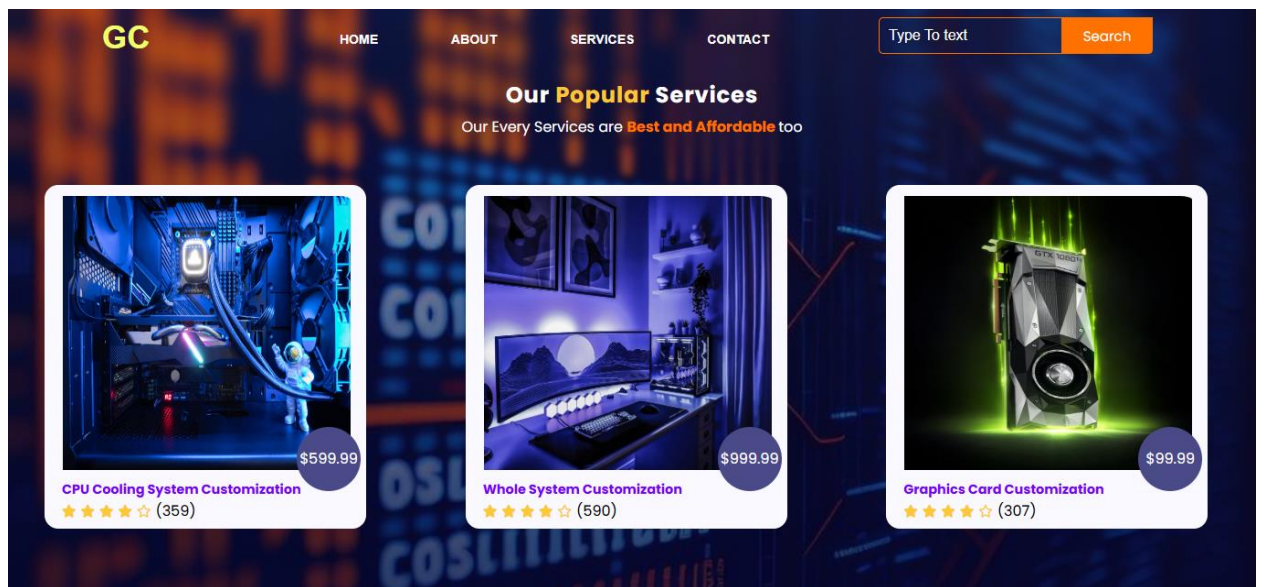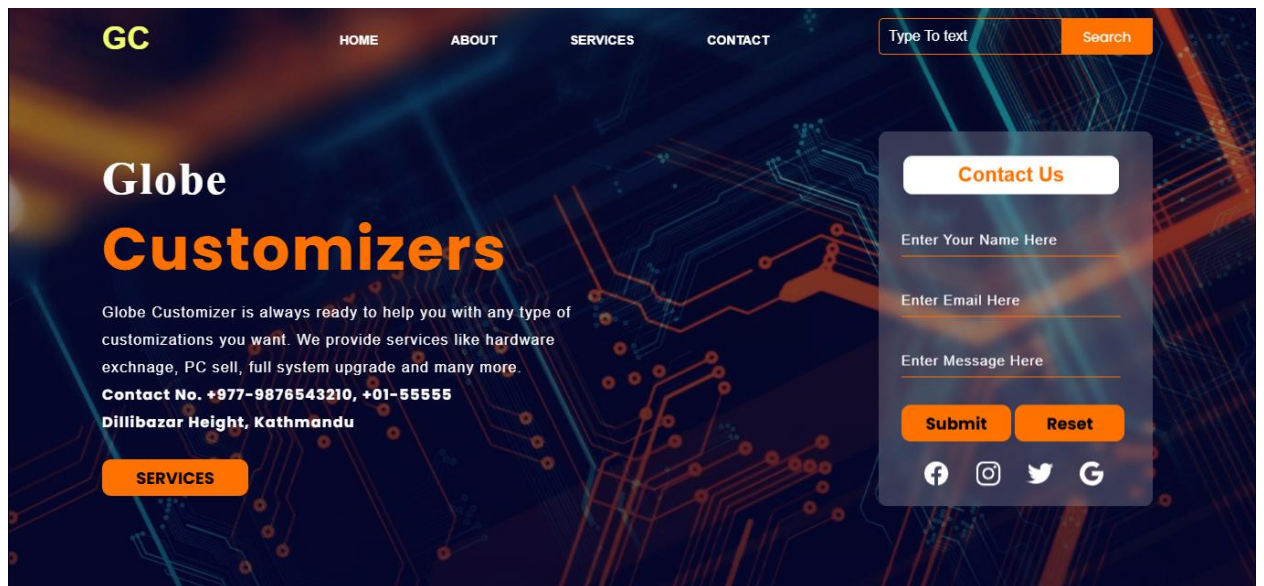
SCREEN-SHOTS

i. Home Page

ii. About

iii. Services

iv. Contact

CONCLUSION

In essence, this report has emphasized the importance of HTML and CSS in building websites. HTML organizes content, while CSS styles and arranges it. By learning about basic coding and more advanced design concepts like display:inline; and grid layouts, readers have acquired valuable skills for crafting attractive and adaptable web pages. As the digital world evolves, mastering HTML and CSS remains crucial for developers and designers to keep pace and compete as well as preserve ones value in the modern (tech) world.

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