

## Table of content

s.no	Chapter	Page no
1.	Project description	2
2.	source code	4
3.	Output	23

# **Chapter 1**

## **Project description**

Real estate websites have become an integral part of the property market. They are used by buyers, sellers, and agents to showcase properties and provide important information. To create a successful real estate website, it is essential to use effective design techniques, and HTML, CSS, and JavaScript programming languages. This report discusses the process of creating a real estate website using HTML, CSS, and JavaScript.

The first step in creating a real estate website is to design the layout. A website designer must determine the website's objectives and the audience. They can then use software such as Adobe XD or Figma to create a visual representation of the website.

Once the design has been finalized, the next step is to create the HTML structure. HTML provides the basic structure of a website. This involves creating the basic elements like headers, paragraphs, images, and links. The HTML code should be organized and properly indented to make it easy to read and maintain.

After the HTML structure has been created, CSS is used to style the webpage. CSS is used to add colors, fonts, backgrounds, and other design elements to make the page visually appealing. The CSS code should be well organized, and external CSS files should be used to make it easier to manage the website's design.

JavaScript is used to add interactivity to a webpage. It can be used to create interactive maps, sliders, and other features that make a website more engaging. It is also used to validate user input and create dynamic web pages.

To create a real estate website, it is necessary to integrate real estate data into the website. This can be done using APIs or other tools. Property listings, prices, and location information can be integrated into the website, making it easy for users to search for properties based on location, price, or other criteria.



## Chapter 2

### Source code :-

```
<!DOCTYPE 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>project 22it078</title>

  <!-- font awesome cdn link -->
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css">

  <!-- custom css file link -->
  <link rel="stylesheet" href="css/style.css">

</head>
<body>

<!-- header section starts -->

<header>

  <a href="#" class="logo"><span>real</span>Estate</a>

  <nav class="navbar">
    <a href="#home">home</a>
    <a href="#services">services</a>
    <a href="#featured">featured</a>
    <a href="#contact">contact</a>
  </nav>
```

```
<div class="icons">
  <div id="menu-bars" class="fas fa-bars"></div>
  <a href="#" class="fas fa-heart"></a>
  <a href="#" class="fas fa-user"></a>
</div>

</header>

<!-- header section ends -->

<!-- home section starts -->

<section class="home" id="home">

  <form action="">

    <h3>find your perfect home</h3>

    <div class="buttons-container">
      <a href="#" class="btn">for rent</a>
      <a href="#" class="btn">for sell</a>
    </div>

    <div class="inputBox">
      <select name="" id="">
        <option value="" disabled hidden selected>minimum price</option>
        <option value="5000">5000</option>
        <option value="10000">10000</option>
        <option value="15000">15000</option>

      </select>
      <select name="" id="">
        <option value="" disabled hidden selected>maximum price</option>
        <option value="30000">30000</option>
        <option value="35000">35000</option>
        <option value="40000">40000</option>
```

```

</select>
<select name="" id="">
  <option value="" disabled hidden selected>property status</option>
  <option value="Ready To Move">Ready To Move</option>
  <option value="under construction">under construction</option>
  <option value="furnished">furnished</option>
  <option value="unfurnished">unfurnished</option>
</select>
<select name="" id="">
  <option value="" disabled hidden selected>property type</option>
  <option value="flat">flat</option>
  <option value="house">house</option>
  <option value="shop">shop</option>
</select>
<select name="" id="">
  <option value="" disabled hidden selected>BHK</option>
  <option value="1 BHK">1 BHK</option>
  <option value="2 BHK">2 BHK</option>
  <option value="3 BHK">3 BHK</option>
</select>
<select name="" id="">
  <option value="" disabled hidden selected>aminities</option>
  <option value="parking space">parking space</option>
  <option value="swimming pool">swimming pool</option>
  <option value="playground">playground</option>
  <option value="security">security</option>
  <option value="all">all</option>
</select>
<select name="" id="">
  <option value="" disabled hidden selected>bedrooms</option>
  <option value="1 bedroom">1 bedroom</option>
  <option value="2 bedroom">2 bedroom</option>
  <option value="3 bedroom">3 bedroom</option>
</select>
<select name="" id="">
  <option value="" disabled hidden selected>bathrooms</option>
  <option value="1 bathroom">1 bathroom</option>

```

```

        <option value="2 bathroom">2 bathroom</option>

    </select>
</div>

    <input type="submit" value="search property" class="btn">
</form>
</section>
<!-- home section ends -->
<!-- services section starts -->
<section class="services" id="services">

    <h1 class="heading"> our <span>services</span> </h1>

    <div class="box-container">

        <div class="box">
            
            <h3>buying home</h3>
            <p>buy </p>
            <a href="#" class="btn">learn more</a>
        </div>

        <div class="box">
            
            <h3>renting home</h3>
            <p>rent a house </p>
            <a href="#" class="btn">learn more</a>
        </div>

        <div class="box">
            
            <h3>selling </h3>
            <p>sell your house </p>
            <a href="#" class="btn">learn more</a>
        </div>

```

```

    </div>

</section>
<!-- services section ends -->

<!-- featured section starts -->
<section class="featured" id="featured">
    <h1 class="heading"> <span>featured</span> properties </h1>
    <div class="box-container">

        <div class="box">
            </div>
        </div>

    </div>

</section>

<!-- featured section ends -->
</div>

</section>

<!-- agents section ends -->

<!-- contact section starts -->

<section class="contact" id="contact">

    <h1 class="heading"> <span>contact</span> us </h1>

    <div class="icons-container">

        <div class="icons">
            
            <h3>phone number</h3>
            <p>+123-456-7890</p>
        </div>
    </div>

```



```
<p>+111-222-3333</p>
</div>
```

```
<div class="icons">
  
  <h3>email address</h3>
  <p>kumar@gmail.com</p>
  <p>ramesh@gmail.com</p>
</div>
```

```
<div class="icons">
  
  <h3>office address</h3>
  <p>kancheepuram, chennai, india - 400104</p>
</div>
```

```
</div>
```

```
<div class="row">
```

```
<form action="">
  <div class="inputBox">
    <input type="text" placeholder="name">
    <input type="number" placeholder="number">
  </div>
  <div class="inputBox">
    <input type="email" placeholder="email">
    <input type="text" placeholder="subject">
  </div>
  <textarea name="" placeholder="message" id="" cols="30" rows="10"></textarea>
  <input type="submit" value="send message" class="btn">
</form>
```

```
</div>
```

```
</section>
```

```
<!-- contact section ends -->
```

```
<!-- footer section starts -->
```

```
<section class="footer">
```

```
  <div class="footer-container">
```

```
    <div class="box-container">
```

```
      <div class="box">
```

```
        <h3>branch location</h3>
```

```
        <a href="#">india</a>
```

```
        <a href="#">USA</a>
```

```
        <a href="#">france</a>
```

```
        <a href="#">russia</a>
```

```
        <a href="#">japan</a>
```

```
      </div>
```

```
      <div class="box">
```

```
        <h3>quick links</h3>
```

```
        <a href="#">home</a>
```

```
        <a href="#">services</a>
```

```
        <a href="#">featured</a>
```

```
        <a href="#">agents</a>
```

```
        <a href="#">contact</a>
```

```
      </div>
```

```
      <div class="box">
```

```
        <h3>extra links</h3>
```

```
        <a href="#">my account</a>
```

```
        <a href="#">my favorite</a>
```

```
        <a href="#">my list</a>
```

```
      </div>
```

```
      <div class="box">
```

```
        <h3>follow us</h3>
```

```
    <a href="#">facebook</a>
    <a href="#">twitter</a>
    <a href="#">instagram</a>
    <a href="#">linkedin</a>
  </div>
```

```
  </div>
</div>
</section>
<!-- footer section ends --!>
```

### **Javascript part :-**

```
<!-- javascript part -->
<script>
```

```
let menu = document.querySelector('#menu-bars');
let navbar = document.querySelector('.navbar');
```

```
menu.onclick = () =>{
  navbar.classList.toggle('active');
  menu.classList.toggle('fa-times');
}
```

```
window.onscroll = () =>{
  navbar.classList.remove('active');
  menu.classList.remove('fa-times');
}
```

```
</script>
```

### **Css part:-**

```
@import
url('https://fonts.googleapis.com/css2?family=Nunito:wght@200;300;400;600;700&display=swap');
```

```
:root{
  --red:#ff5a3c;
  --light-red:#f9edeb;
}

*{
  font-family: 'Nunito', sans-serif;
  margin:0; padding:0;
  box-sizing: border-box;
  outline: none; border:none;
  text-decoration: none;
  text-transform: capitalize;
}

html{
  font-size: 62.5%;
  overflow-x: hidden;
  scroll-behavior: smooth;
  scroll-padding-top: 7rem;
}

body{
  background:#f7f7f7;
}

section{
  padding:2rem 9%;
}

.btn{
  margin-top: 1rem;
  display: inline-block;
  padding:.8rem 3.5rem;
  border-radius: .5rem;
  font-size: 1.7rem;
  color:var(--red);
  background:var(--light-red);
```

```
    cursor: pointer;
    text-align: center;
}

.btn:hover{
    background:var(--red);
    color:#fff;
}

.heading{
    text-align: center;
    color:#333;
    font-size: 4rem;
    padding-bottom: 3rem;
}

.heading span{
    color:var(--red);
    background:var(--light-red);
    border-radius: .5rem;
    padding:.2rem 1.5rem;
}

header{
    position: fixed;
    top:0; left:0; right:0;
    z-index: 1000;
    background:#fff;
    padding:1.5rem 9%;
    box-shadow: 0 .5rem 1rem rgba(0,0,0,.1);
    display: flex;
    align-items: center;
    justify-content: space-between;
}

header .logo{
    font-weight: bolder;
```

```

    font-size: 2.5rem;
    color:#333;
}

header .logo span{
    color:var(--red);
}

header .navbar a{
    color:#333;
    font-size: 2rem;
    padding:0 1.5rem;
}

header .navbar a:hover{
    color:var(--red);
}

header .icons #menu-bars,
header .icons a{
    height:4.5rem;
    line-height: 4.5rem;
    width:5rem;
    font-size: 2rem;
    margin-right: .5rem;
    border-radius: .5rem;
    color:var(--red);
    background:var(--light-red);
    text-align: center;
}

header .icons #menu-bars:hover,
header .icons a:hover{
    background-color:var(--red);
    color:#fff;
}

```

```

header .icons #menu-bars{
  display: none;
}

.home{
  min-height: 100vh;
  background:url(../images/home-bg.jpg) no-repeat;
  background-size: cover;
  background-position: center;
  background-attachment: fixed;
  display: flex;
  align-items: center;
  justify-content: center;
}

.home form{
  margin-top: 7rem;
  background:#fff;
  border-radius: .5rem;
  box-shadow: 0 .5rem 1rem rgba(0,0,0,.2);
  border:.1rem solid rgba(0,0,0,.2);
  width:70rem;
  padding:2rem;
}

.home form h3{
  text-align: center;
  color:#333;
  font-size: 3rem;
}

.home form .buttons-container{
  display: flex;
  gap:1.5rem;
}

.home form .buttons-container .btn{

```

```

    flex:1;
}

.home form .inputBox{
    display: flex;
    flex-wrap: wrap;
    gap:1.5rem;
    margin-top: 2rem;
}

.home form .inputBox input,
.home form .inputBox select{
    flex:1 1 25rem;
    border:.1rem solid #333;
    box-shadow: 0 .5rem 1.5rem rgba(0,0,0,.1);
    font-size: 1.5rem;
    padding:1rem;
    text-transform: none;
}

.home form .btn{
    width: 100%;
    margin-top: 2rem;
}

.services .box-container{
    display: flex;
    flex-wrap: wrap;
    gap:1.5rem;
}

.services .box-container .box{
    flex:1 1 30rem;
    border-radius: .5rem;
    background:#fff;
    box-shadow: 0 .5rem 1rem rgba(0,0,0,.1);
    border:.1rem solid rgba(0,0,0,.2);

```



```

    text-align: center;
    padding: 2rem;
}

.services .box-container .box h3{
    font-size: 2.5rem;
    color: #333;
}

.services .box-container .box p{
    font-size: 1.5rem;
    color: #666;
    padding: .5rem 0;
    line-height: 2;
}

.featured .box-container{
    display: flex;
    flex-wrap: wrap;
    gap: 1.5rem;
}

.featured .box-container .box{
    border: .1rem solid rgba(0,0,0,.2);
    box-shadow: 0 .5rem 1rem rgba(0,0,0,.1);
    border-radius: .5rem;
    overflow: hidden;
    background: #fff;
    flex: 1 1 30rem;
}

.featured .box-container .box .image-container{
    overflow: hidden;
    position: relative;
    width: 100%;
    height: 25rem;
}

```

```
}
```

```
.featured .box-container .box:hover .image-container img{  
.featured .box-container .box .image-container img{  
  width: 100%;  
  height: 100%;  
  object-fit: cover;  
  transition: .2s linear;  
  transform: scale(1.1);  
}
```

```
.featured .box-container .box .image-container .info{  
  position: absolute;  
  top: 1rem; left: 0;  
  display: flex;  
}
```

```
.featured .box-container .box .image-container .info h3{  
  font-weight: 500;  
  font-size: 1.4rem;  
  color: #fff;  
  background: rgba(0,0,0,.3);  
  border-radius: .5rem;  
  padding: .5rem 1.5rem;  
  margin-left: 1rem;  
}
```

```
.featured .box-container .box .image-container .icons{  
  position: absolute;  
  bottom: 1rem; right: 0;  
  display: flex;  
}
```

```
.featured .box-container .box .image-container .icons a{  
  font-size: 1.4rem;  
  color: #fff;
```

```

display: flex;
border-radius: .5rem;
background: rgba(0,0,0,.3);
margin-right: 1rem;
padding:.7rem;
}

.featured .box-container .box .image-container .icons a h3{
  font-weight: 500;
  padding-left: .5rem;
}

.featured .box-container .box .image-container .icons a: hover{
  background: var(--red);
}

.featured .box-container .box .content{
  padding: 1.5rem;
}

.featured .box-container .box .content .price{
  display: flex;
  align-items: center;
}

.featured .box-container .box .content .price h3{
  color: var(--red);
  font-size: 2rem;
  margin-right: auto;
}

.featured .box-container .box .content .price a{
  color: #666;
  font-size: 1.5rem;
  margin-right: .5rem;
  border-radius: .5rem;
  height: 4rem;
}

```

```

width:4rem;
line-height: 4rem;
text-align: center;
background:#f7f7f7;
}

.featured .box-container .box .content .price a:hover{
  background:var(--red);
  color:#fff;
}

.featured .box-container .box .content .location{
  padding:1rem 0;
}

.featured .box-container .box .content .location h3{
  font-size: 2.5rem;
  color:#333;
}

.featured .box-container .box .content .location p{
  font-size: 1.5rem;
  color:#666;
  line-height: 1.5;
  padding-top: .5rem;
}

.featured .box-container .box .content .details{
  padding:.5rem 0;
  display: flex;
}

.featured .box-container .box .content .details h3{
  flex:1;
  padding:1rem;
  border:.1rem solid rgba(0,0,0,.1);
  color:#999;

```

```

    font-size: 1.3rem;
}

.featured .box-container .box .content .details h3 i{
    color:#333;
    padding-left: .5rem;
}

.featured .box-container .box .content .buttons{
    display: flex;
    gap:1rem;
}

.featured .box-container .box .content .buttons .btn{
    flex:1;
    font-size: 1.5rem;
}

.agents .box-container{
    display: flex;
    flex-wrap: wrap;
    gap:1.5rem;
    justify-content: center;
}

.agents .box-container .box{
    background:#fff;
    text-align: center;
    border:.1rem solid rgba(0,0,0,.2);
    box-shadow: 0 .5rem 1rem rgba(0,0,0,.1);
    border-radius: .5rem;
    padding:2rem;
    position: relative;
    width:26rem;
}

.agents .box-container .box .fa-envelope{

```

```

    position: absolute;
    top:1.8rem; left:2rem;
    color:#333;
    font-size: 2rem;
}

.agents .box-container .box .fa-envelope:hover{
    color:var(--red);
}

.agents .box-container .box .fa-phone{
    position: absolute;
    top:1.8rem; right:2rem;
    color:#333;
    font-size: 2rem;
}

.agents .box-container .box .fa-phone:hover{
    color:var(--red);
}

.agents .box-container .box img{
    border-radius: 50%;
    box-shadow: 0 0 0 .5rem rgba(0,0,0,.1);
    object-fit: cover;
    height:10rem;
    width:10rem;
    margin:1rem 0;
}

.agents .box-container .box h3{
    font-size: 2rem;
    color:#333;
}

.agents .box-container .box span{
    font-size: 1.7rem;

```

```

        color:var(--red);
    }

    .agents .box-container .box .share{
        padding-top: 2rem;
    }

    .agents .box-container .box .share a{
        margin:0 .3rem;
        height:4rem;
        width:4rem;
        line-height: 4rem;
        background:#f7f7f7;
        color:#666;
        border-radius: .5rem;
        font-size: 2rem;
    }

    .agents .box-container .box .share a:hover{
        background:var(--red);
        color:#fff;
    }

    .contact .icons-container{
        display: flex;
        flex-wrap: wrap;
        gap:1.5rem;
        padding-bottom: 2rem;
    }

    .contact .icons-container .icons{
        flex:1 1 25rem;
        background: #fff;
        padding:2rem;
        border:.1rem solid rgba(0,0,0,.2);
        border-radius: .5rem;
        box-shadow: 0 .5rem 1rem rgba(0,0,0,.1);
        text-align: center;
    }

```

```

.contact .icons-container .icons img{
  height:6rem;
}
.contact .icons-container .icons h3{
  font-size: 2.5rem;
  color:#333;
  padding:1rem 0;
}
.contact .icons-container .icons p{
  font-size: 1.5rem;
  color:#666;
  padding:.2rem 0;
}
.contact .row{
  background: #fff;
  border:.1rem solid rgba(0,0,0,.2);
  box-shadow: 0 .5rem 1rem rgba(0,0,0,.1);
  border-radius: .5rem;
  display: flex;
  flex-wrap: wrap-reverse;
  padding:1rem;
}
.contact .row form{
  flex:1 1 50rem;
  padding:.5rem 1rem;
}
  color:#333;
  border-top: .1rem solid rgba(0,0,0,.1);
}
.footer .footer-container .credit span{
  color:var(--red);
}
.footer .footer-container {
  margin-bottom: 8rem
}
/* media queries */
@media (max-width:991px){

```



```

html{
  font-size:55%;
}
header{
  padding:1.5rem 1rem;
}
section{
  padding:1.5rem;
}
}
@media (max-width:768px){
  header .icons #menu-bars{
    display: inline-block;
  }
  header .navbar{
    position: absolute;
    left:0; right:0; top:100%;
    background:#f7f7f7;
    border-top: .1rem solid #333;
    border-bottom: .1rem solid #333;
    transition: .2s linear;
    clip-path: polygon(0 0, 100% 0, 100% 0, 0 0);
  }
  header .navbar.active{
    clip-path: polygon(0 0, 100% 0, 100% 100%, 0% 100%);
  }
  header .navbar a{
    display: block;
    padding:1.5rem;
    margin:1.5rem;
    background:#fff;
    border:.1rem solid #333;
    box-shadow: 0 .5rem 1rem rgba(0,0,0,.1);
    border-radius: .5rem;
  }
}
@media (max-width:450px){

```

```

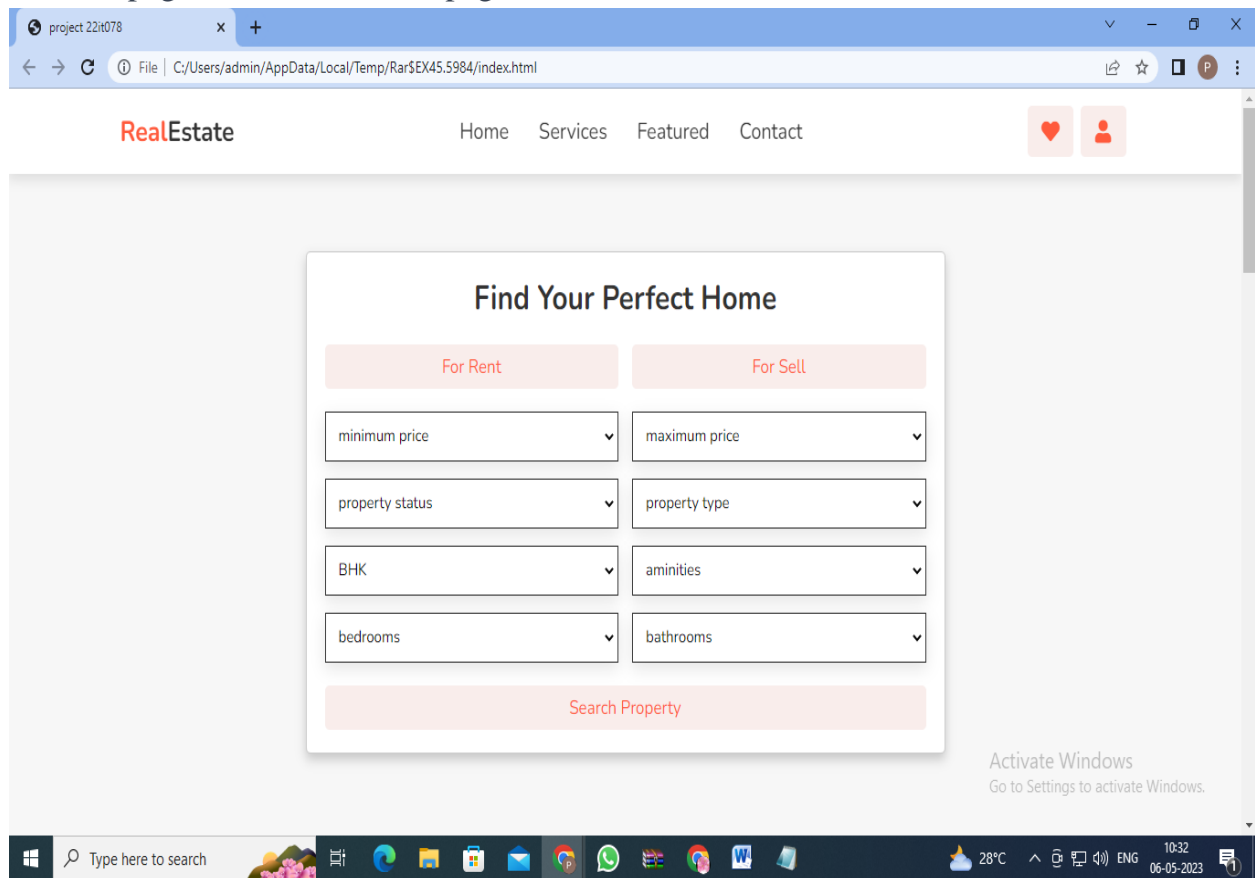
html{
    font-size:50%;
}
.contact .row form .inputBox input{
    width: 100%;
}
}

```

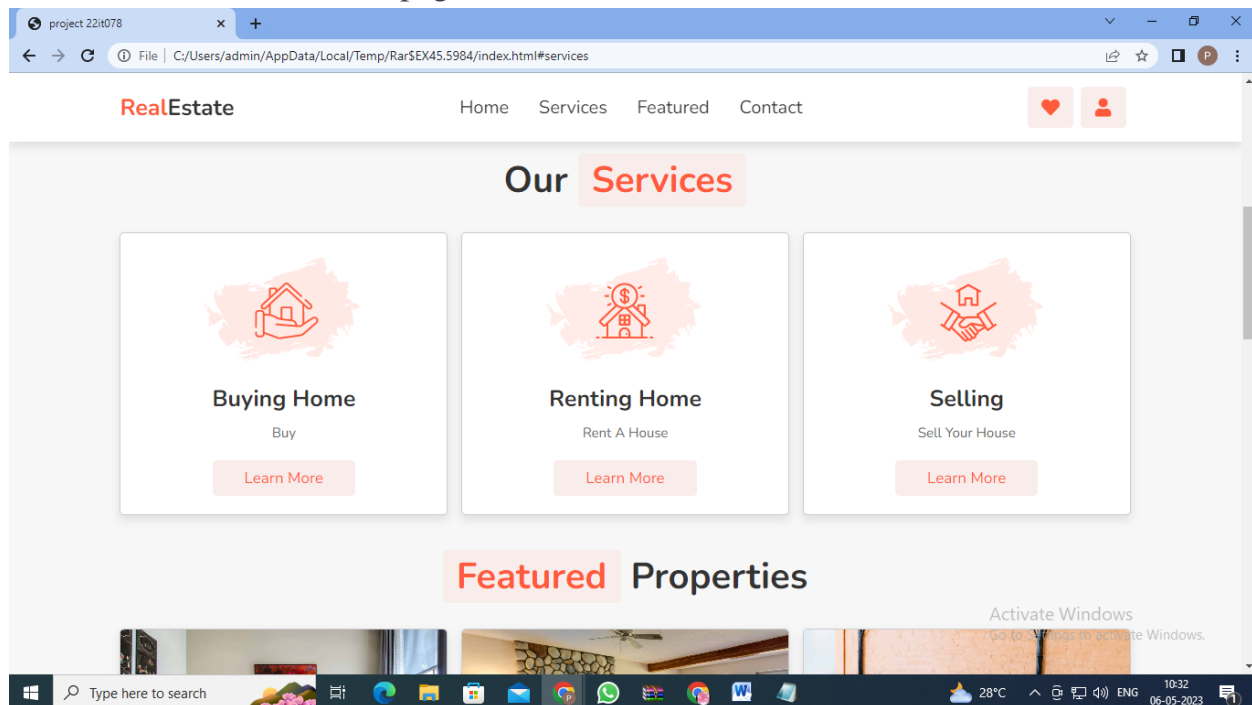
## Chapter -3

### output:-

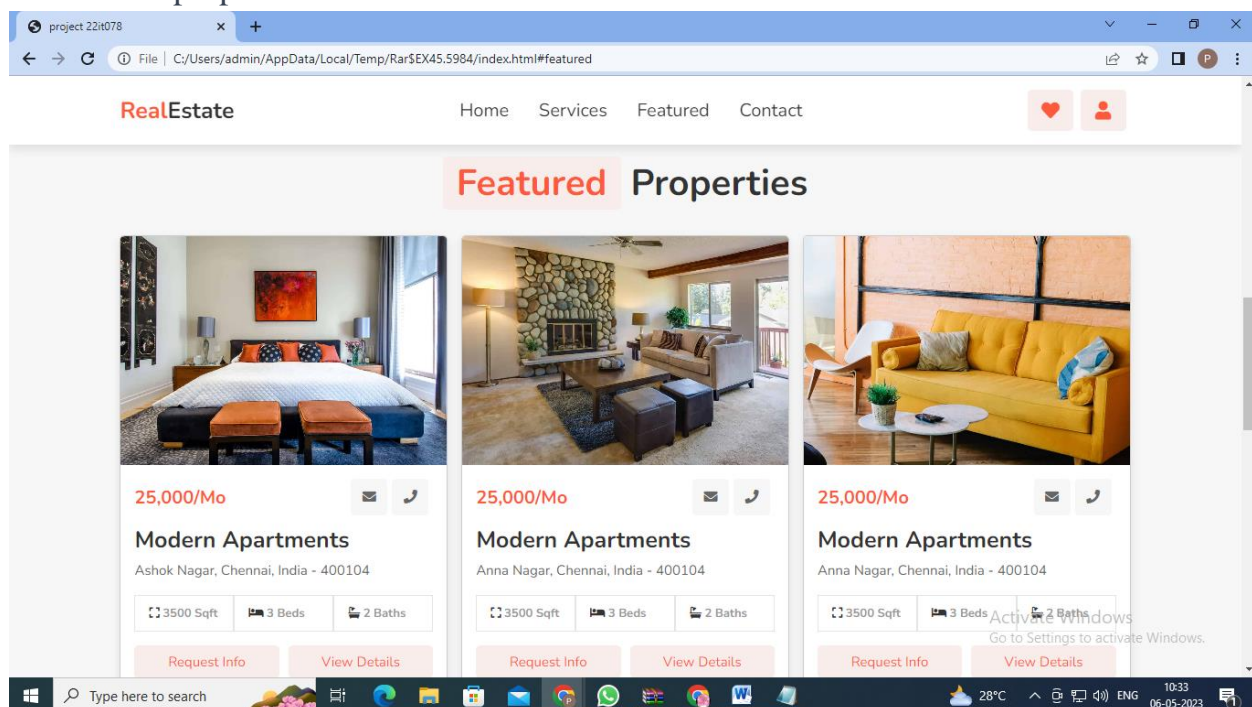
#### 1.Home page of real estate webpage



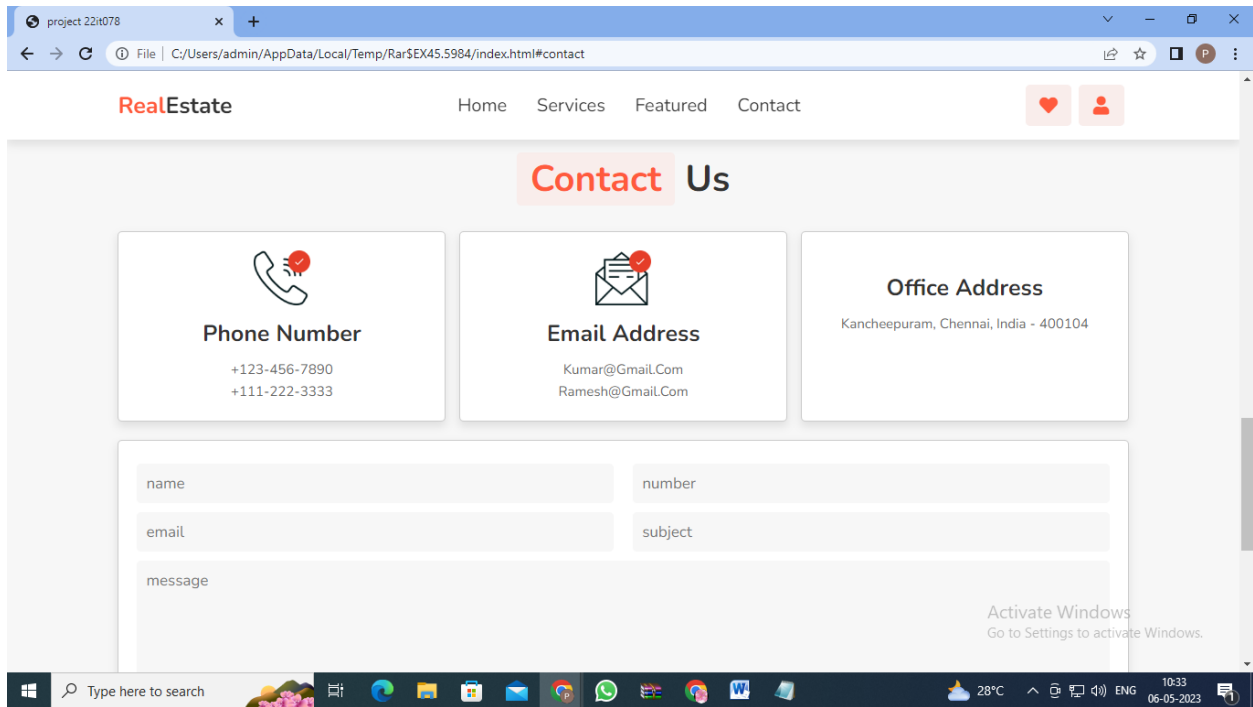
## 2. Service section of the webpage



## 3. Featured properties are available in the featured section.



4. Customer query are taken in contact section of the website .Here we can upload our name ,email, number and your



5.

