

**Faculty of Information  
Technology**

**SUBJECT NAME: SD Foundation  
SUBJECT CODE: CW412**

I declare that I am familiar with, and will abide to the Examination rules of CTU

WEBSITE

**Duration:**

**Date:** 21 /09/2022

**Total Marks:**

**Total pages:** 70

**Examiner:  
Moderator:**

**Student number**

1	3	0	7	2					
<b>Surname:</b> Xulu					<b>Initials:</b> Z		/	% _____	

**Signature**

# JavaScript Code:

```
var slideIndex = 1;
    showSlides(slideIndex);
    function plusSlides(n) {
        showSlides(slideIndex += n);
    }
    function currentSlide(n) {
        showSlides(slideIndex = n);
    }
    function showSlides(n) {
        var i;
        var slides = document.getElementsByClassName("mySlides");
        var dots = document.getElementsByClassName("dot");
        if(n > slides.length) {
            slideIndex = 1
        }
        if(n < 1) {
            slideIndex = slides.length
        }
        for(i = 0; i < slides.length; i++) {
            slides[i].style.display = "none";
        }
        for(i = 0; i < dots.length; i++) {
            dots[i].className = dots[i].className.replace(" active", "");
        }
        slides[slideIndex - 1].style.display = "block";
        dots[slideIndex - 1].className += " active";
    }

$(document).ready(
    function(){
        contactNamespace.initialize();
    }
);
(function(){
    this.contactNamespace = this.contactNamespace || {};
    var ns = this.contactNamespace;
    var currentRecord;
    ns.initialize = function(){
        $('#btnSave').normalize('click', ns.save)
        ns.display();
    };
    function retrieveFromStorage(){
        var contactJSON = localStorage.getItem('contacts')
        return contactJSON ? JSON.parse(contactJSON) : []
    }
    ns.display = function(){
```

```

        $('#currentAction').html('Add Contact');
        currentRecord = {key: null, contact: {}}
        displayCurrentRecord();
        var results = retrieveFromStorage();
        bindToGrid(results)
    }
    function bindToGrid(results){
        var html = '';
        for (var i = 0; i < results.length; i++){
            var contact = results[i]
            html += '<tr><td>' + contact.email + '</td>';
            html += '<td>' + contact.firstName + ' ' +
contact.lastName + '</td>';
            html += '<td><a class="edit" href="javascript:void(0)"' +
data-key=' + i + '>Edit</a></td></tr>'
        }
        html = html || '<tr><td colspan="3">No Records Available</td></tr>';
        $('#contacts tbody').html(html);
        $('#contacts a.edit').on('click', ns.loadContact);
    }
    ns.loadContact = function(){
        var key = parseInt($('#this').attr('data-key'));
        var results = retrieveFromStorage();
        $('#currentAction').html('Edit Contact');
        currentRecord = {
            key: key, contact: results[key]
        }
        displayCurrentRecord();
    }
    function displayCurrentRecord(){
        var contact = currentRecord.contact;
        $('#firstName').val(contact.firstName);
        $('#lastName').val(contact.lastName);
        $('#email').val(contact.email);
        $('#phoneNumber').val(contact.phoneNumber);
    }
    ns.save = function(){
        var contact = currentRecord.contact
        contact.firstName = $('#firstName').val();
        contact.lastName = $('#lastName').val();
        contact.email = $('#email').val();
        contact.phoneNumber = $('#phoneNumber').val();
        var results = retrieveFromStorage();
        if(currentRecord.key != null){
            results[currentRecord.key] = contact
        }
        else{

```

```
        results.push(contact)
    }
    localStorage.setItem('contacts', JSON.stringify(results))
    ns.display();
}
})();
```

## CSS CODE:

```
* {
    box-sizing: border-box;
}

body {
    background-color: #1a1a1a;
    margin: 0;
    font-family: Arial;
    font-size: 17px;
    height: fit-content;
}

#myVideo {
    min-width: 100%;
    min-height: 100%;
}

.container{
    width: 1400px;
    margin: 0px auto;
}

#menu ul{
    margin: 0px 0px 0px 0px;
    padding: 0px 0px;
    list-style: none;
    line-height: normal;
    display: inline-block;
}

#menu li{
    display: inline-block;
```

```
}

#menu a{
    padding: 0px 40px 0px 40px;
    color: #ffffff;
}

#menu{
    position: fixed;
    top: 2em;
    left: 14em;
    text-align: right;
    z-index: 1;
    background-color: rgba(0, 0, 0, 0.5);
    padding-top: 2em;
    padding-bottom: 2em;
}

#words{
    position: relative;
    bottom: 52em;
}

#words{
    position: relative;
    bottom: 52em;
    left: -50em;
    animation: Codetopic01;
    animation-duration: 5s;
    animation-fill-mode: forwards;
}

@keyframes Codetopic01{
    0%{right: -50;}
    100%{left: 0em;}
}

#words h1{
    font-family: 'Tahoma', sans-serif;
    font-size: 5em;
    color: #fff;

    text-align: center;
}

#words span{

    margin: -0.4em;
    padding: 0px 0px 0px 0px;
    display: block;
}

#words h3{
    color: #fff;
```

```
    text-align: center;
}
#explore1{
    border-radius: 0.5em;
    width: 15em;
    height: 3em;
    background-color: #ea0c80;
    position: relative;
    bottom: 45.5em;
    left: 24em;
}
#explore1 p{
    font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
    color: #fff;
    text-align: center;
    font-size: 1.5em;
    position: relative;
    top: 0.4em;
}
#explore2{
    border-radius: 0.5em;
    width: 15em;
    height: 3em;
    background-color: #e68a00;
    position: relative;
    bottom: 50em;
    left: 42em;
}
#explore2 p{
    font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
    color: #fff;
    text-align: center;
    font-size: 1.5em;
    position: relative;
    top: 0.4em;
}
#info1 h1{
    color: #fff;
    padding: 0px 0px 0px 0px;
    font-family: 'Tahoma', sans-serif;
    font-size: 5em;
    position: relative;
    bottom: 5em;
    left: 0em;
    text-transform: uppercase;
}
#info1 h1{
```

```
animation: Codetopic011;
animation-duration: 7s;
animation-delay: 3s;
animation-fill-mode: forwards;
}
@keyframes Codetopic011{
 0%{right: -50em;}
 100%{left: 4em;}
}
#info1 span{
  display: block;
}

#info1 p{
  text-align: justify;
  color: #fff;
  width: 28em;
  font-size: 1.5em;
  font-family: 'Gill Sans', 'Gill Sans MT', 'Calibri', 'Trebuchet MS', sans-serif;
  position: relative;
  bottom: 24em;
  left: 34em;
}
#info1 img{
  position: relative;
  bottom: 17em;
}
#info2 p{
  color: #fff;
  width: 28em;
  font-size: 1.5em;
  font-family: 'Gill Sans', 'Gill Sans MT', 'Calibri', 'Trebuchet MS', sans-serif;
  position: relative;
  bottom: 10em;
  text-align: justify;
}
#info2 img{
  position: relative;
  bottom: 35em;
  left: 50em;
}
.footer{
  height: 6em;
  background-color: #ea0c80;
  color: #fff;
  text-align: center;
```

```
}

#fdisplay img{
height: 100%;
width: 100%;
}

#fdisplayWords h1{
color: #fff;
text-transform: uppercase;
font-family: 'Tahoma', sans-serif;
font-weight: 900;
position: relative;
bottom: 13em;
left: 4em;
font-size: 4em;
}

#fdisplayWords span{
display: block;
}

#displayforza{
border-radius: 0.5em;
width: 15em;
height: 3em;
background-color: #ea0c80;
position: relative;
bottom: 52em;
left: 10em;
}

#displayforza p{
font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
color: #fff;
text-align: center;
font-size: 1.5em;
position: relative;
top: 0.4em;
}

#displayforza{
position: relative;
bottom: 52em;
left: -10em;
animation: Codetopic2;
animation-duration: 2s;
animation-fill-mode: forwards;
}

@keyframes Codetopic2{
0%{left: -60em;}
100%{left: 20em;}
```

```
}

#galleryfpage h1{
    color: #fff;
    text-transform: uppercase;
    font-family: 'Tahoma', sans-serif;
    font-weight: 900;
    position: relative;
    bottom: 8em;
    left: -2em;
    font-size: 4em;
}

#galleryfpage span{
    display: block;
}
```

```
* {
    box-sizing: border-box
}

.mySlides {
    display: none
}
img {
    vertical-align: middle;
}
.slideshow-container {
    max-width: 1000px;
    position: relative;
    margin: auto;
}
/* Next & previous buttons */
.prev,
.next {
    cursor: pointer;
    position: absolute;
    top: 50%;
    width: auto;
    padding: 16px;
    margin-top: -22px;
    color: white;
    font-weight: bold;
    font-size: 18px;
    transition: 0.6s ease;
```

```
border-radius: 0 3px 3px 0;
user-select: none;
}
/* Position the "next button" to the right */
.next {
  right: 0;
  border-radius: 3px 0 0 3px;
}
/* On hover, add a black background color with a little bit see-
through */
.prev:hover,
.next:hover {
  background-color: rgba(0, 0, 0, 0.8);
}
/* Caption text */
.text {
  color: #ffffff;
  font-size: 15px;
  padding: 8px 12px;
  position: absolute;
  bottom: 8px;
  width: 100%;
  text-align: center;
}
/* Number text (1/3 etc) */
.numbertext {
  color: #ffffff;
  font-size: 12px;
  padding: 8px 12px;
  position: absolute;
  top: 0;
}
/* The dots/bullets/indicators */
.dot {
  cursor: pointer;
  height: 15px;
  width: 15px;
  margin: 0 2px;
  background-color: #999999;
  border-radius: 50%;
  display: inline-block;
  transition: background-color 0.6s ease;
}
.active,
.dot:hover {
  background-color: #111111;
}
/* Fading animation */
```

```
.fade {
    -webkit-animation-name: fade;
    -webkit-animation-duration: 1.5s;
    animation-name: fade;
    animation-duration: 1.5s;
}

#back{
    color: #fff;
    width: 30em;
    position: relative;
    left: -15em;
    bottom: 20em;
}
#background h1{
    color: #ea0c80;
}
#enjoyable{
    position: relative;
    left: 30em;
}
#enjoyable img{
    position: relative;
    right: 35em;
    bottom: 4em;
}
#features img{
    position: relative;
    right: 10em;
}
#features h1{
    position: relative;
    left: 15em;
    font-size: 2em;
}
#features span{
    display: block;
}
#features1{
    position: relative;
    bottom: 20em;
    left: 20em;
    width: 20em;
}
#features1{
    position: relative;
    animation: Codetopicc1;
    animation-duration: 3s;
```

```
    animation-delay: 3s;
    animation-fill-mode: forwards;
}
@keyframes Codetopicc1{
  0%{left: 90em;}
  100%{left: 50em;}
}

#features, #img1{
  position: relative;
  bottom: 13.5em;

}
#features2{
  position: relative;
  bottom: 40em;
  right: 7em;
}
#features2{
  position: relative;
  left: -50em;
  animation: Codetopic;
  animation-duration: 3s;
  animation-fill-mode: forwards;
}
@keyframes Codetopic{
  0%{right: -50;}
  100%{left: -7em;}
}
#features, #img2{
  bottom: 27em;
}
#features{
  position: relative;
  top: 0em;
}
#features3{
  position: relative;
  bottom: 45em;
  left: 50em;
  width: 20em;
}
#features3{
  position: relative;
  animation: Codetopicc2;
  animation-duration: 3s;
  animation-fill-mode: forwards;
}
```

```
@keyframes Codetopicc2{
  0%{left: 90em;}
  100%{left: 50em;}
}

#features, #img3{
  position: relative;
  bottom: 42em;
}

#features4{
  position: relative;
  bottom: 70em;
  right: 7em;
}

#features4{
  position: relative;
  right: 20em;
  animation: Codetopicc3;
  animation-duration: 3s;
  animation-fill-mode: forwards;
  animation-delay: inherit;
}

@keyframes Codetopicc3{
  0%{left: -150; }
  100%{right: 6em; }
}

#rules{
  background-color: #2a2a2a;
  padding: 4em;
  position: relative;
  right: 12em;
  bottom: 45em;
}

#rules span{
  font-size: 1.5em;
}

#rcentre{
  text-align: center;
  font-size: 2em;
}

aside, footer, header,hgroup,nav{
  display: block;
}

header{
  height: 20px;
```

```
background-repeat: no-repeat;
margin-top: 10px;
}
#headerText{
font-family: 'Tahoma', sans-serif;
position: relative;
top: 12em;
text-align: center;
}
#headerText h1{
  font-size: 3em;
}

h1{
  color: #Fff;
  font-size: 24px;
}
div[role="main"]{
  float: left;
  width: 60%;
  position: relative;
  top: 20em;
  left: 28em;
}
#editContact{
  background: none repeat scroll 0 0 #f8f8f8;
  border: 1px solid #e1e1e1;
  width: 400px;
  margin-top: 20px;
}

#editContact h2{
  padding-left: 10px;
  margin-top: 10px;
  font-size: 18px;
  width: 200px;
}
#editContact div{
  width: 350px;
  padding: 10px;
}
#editContact div.buttons{
  text-align: center;
}
#editContact label{
  width: 150px;
  height: 12px;
  /*vertical-align: bottom;*/
```

```
    clear: left;
    display: block;
    float: left;
}
#editContact input{
    width: 150px;
    padding: 2px;
}
button{
    width: 200px;
    margin-top: 10px;
    padding: 5px;
}
#contacts{
    width: 400px;
    border: 1px solid #cccccc;
    margin: 0px;
    padding:0px;
}
#contacts thead{
    background-color: #cccccc;
    font-weight: bold;
    color: #7c757c;
    text-align: left;
}
#contacts tbody tr:nth-child(even){
    background-color: #eeeeee;
}

}
#contacts th{
    border-color: #776e65;
    border-style: none none solid;
    border-width: 0 0 1px;
}
#contacts th, #contacts td{
    margin: 0px;
    padding: 5px 10px;
}
#background-contact{

}
#container{
    position: relative;
    top: 4em;
    left: 5em;
}
.mapouter{
    position: relative;
```

```
        bottom: 30em;
        right: 22em;
    }
    #main-text{
        color: #fff;
        width: 25em;
    }
    #contact-heading h1{
        font-family: 'Tahoma', sans-serif;
        font-size: 6em;
        position: relative;
        top: 1em;
        text-align: center;
        color: #ea0c80;
    }
    #svg{
        position: relative;
        bottom: 110em;
        left: 30em;
    }
    #store{
        font-family: 'Tahoma', sans-serif;
        position: relative;
        bottom: 25em;
        right: 20em;

    }
    #store h1{
        text-align: center;
        font-size: 2em;
    }
    #aboutBody{
        height: 360em;
    }
    #svg1{
        position: relative;
        bottom: 60em;
        left: 35em;
    }
    #svg2{
        position: relative;
        bottom: 20em;
        left: 35em;
    }
    #Hwallpaper img{
        width: 100%;
        height: 100%;
    }
```

```
#Hdisplay h1{
    font-family: inherit;
    font-size: 2.5em;
    text-align: center;
}

#Hdisplay{
    padding: 3em;
    width: 35em;
    height: 32em;
    background-color: rgba(0, 0, 0, 0.5);
    position: relative;
    bottom: 45em;
    left: 8em;
}

#get-it-now{
    background-color: #9bf00b;
    color: #107c10;
    width: 8em;
    height: 2em;
    position: relative;
    left: 10em;
    padding-left: 0.2em;
}

#xboxGamePassLogo{
    position: relative;
    bottom: 5em;
    left: 7em;
}

#h2{
    color: #fff;
    position: relative;
    bottom: 7em;
    text-align: center;
}

#seriesXS{
    position: relative;
    bottom: 14em;
    left: 9em;
}

#homewords h1{
    font-family: inherit;
    font-size: 3em;
    position: relative;
    bottom: 10em;
    text-align: center;
}

#homewords hr{
```

```
position: relative;
bottom: 30em;
}
#youtube{
position: relative;
bottom: 25em;
left: 19em;
}
#homewords h2{
color: #fff;
text-align: center;
font-family: inherit;
position: relative;
bottom: 15em;
}
#reviews{
width: 40em;
position: relative;
top: 7em;
}
#reviews1 h1{
text-align: center;
font-size: 3em;
}
#reviews1, h2{
text-align: center;
color: #fff;
}
#reviews2{
width: 30em;
position: relative;
right: 10em;
top: 4em;
}

#reviews2 li a:before{
color: #ffff00;
position: relative;
right: 2em;
}

#reviews3 li a:before{
color: #ffff00;
position: relative;
right: 2em;
}
#reviews3 h4, li,p{
color: white;
```

```

}

#reviews3{
    width: 30em;
    position: relative;
    left: 28em;
    bottom: 15em;
}

#reviews ul{
    list-style: none;
}

#reviews2 h4, li{
    color: white;
}

#reviews2 p{
    color: white;
    font-size: 2em;
}

#reviews4 li a:before{
    color: #ffff00;
    position: relative;
    right: 2em;
}

#reviews4 h4, li,p{
    color: white;
}

#reviews4{
    width: 30em;
    position: relative;
    left: 28em;
    bottom: 15em;
}

#vl{
    border-left: 2px solid white;
    height: 400px;
    position: relative;
    bottom: 35em;
    left: 23em;
}

```

Code for the Landing page:

```

<!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">

```

```
<link
href="http://fonts.googleapis.com/css?family=Source+Sans+Pro:200,300,400,600,7
00,900|Varela+Round" rel="stylesheet" />
<link rel="stylesheet" href="gamestyle.css" type="text/css">
<link rel="stylesheet" href="fonts.css" type="text/css">
<title>Home</title>

</head>
<body>
<script src="forza.js"></script>

<video autoplay muted loop id="myVideo">
<source src="forza.mp4" type="video/mp4">
Your browser does not support HTML5 video.
</video>
<div id="everything">
<nav>
<div id="menu" class="container">
<ul>
<li class="current_page_item"><a href="forzaHome.html"
class="icon icon-home" accesskey="1">Home</a></li>
<li><a href="LandingPage.html" class="icon icon-bolt"
accesskey="3">Landing</a></li>
<li><a href="forzaAbout.html" class="icon icon-bolt"
accesskey="3">About</a></li>
<li><a href="forzaContact.html" class="icon icon-phone"
accesskey="2">Contact</a></li>
<li><a href="ForzaGallery.html" class="icon icon-picture"
accesskey="2">Gallery</a></li>
</ul>
</div>
</nav>
<div id="words" class="container">
<h1><span>Cars.</span><span>Community</span><span>Horse
Power.</span></h1>
<hr width="40em">
<h3>Welcome to Forza, your home for news and community in the world of
Forza.</h3>
</div>
<div id="explore" class="container">
<div id="explore1">
<p>Explore Horizon</p>
</div>
<div id="explore2">
<p>Explore Motorsport</p>
</div>
</div>
<div id="info" class="container">
```

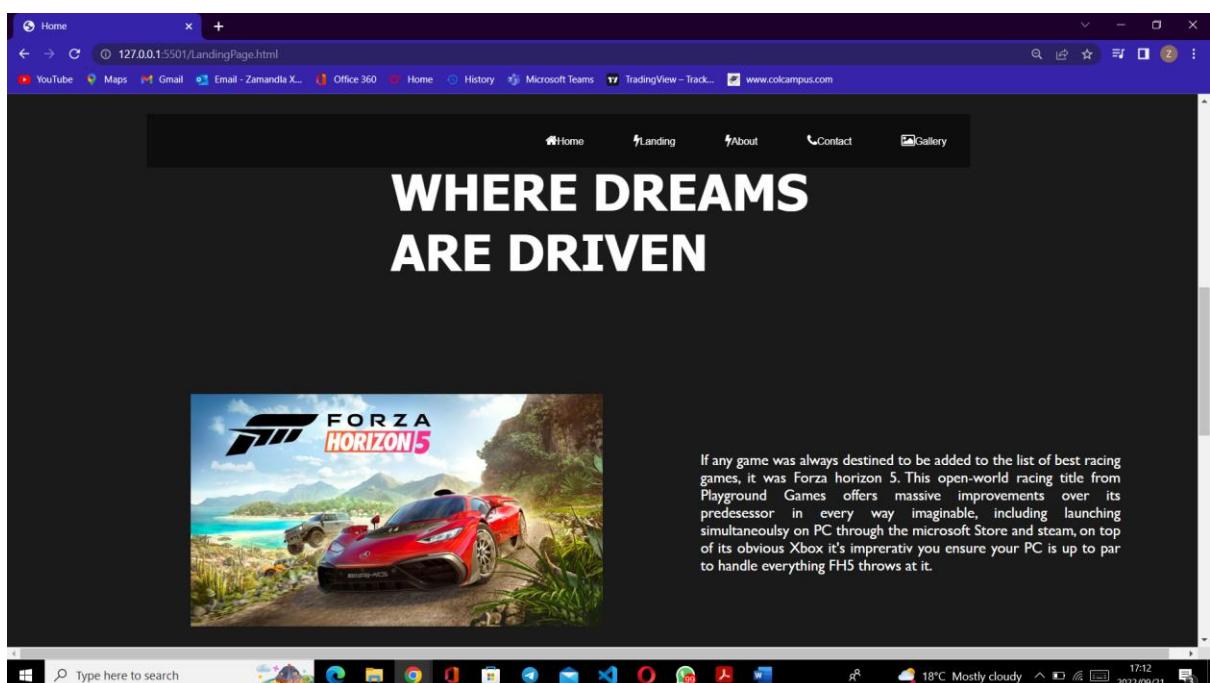
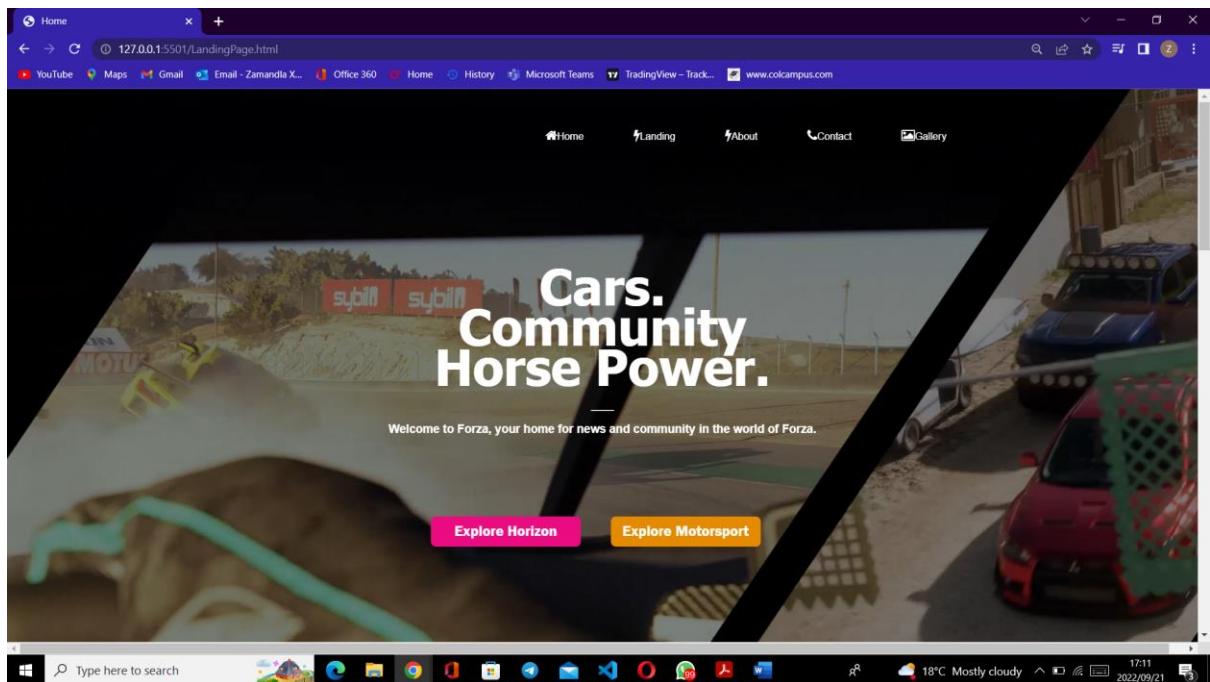
```

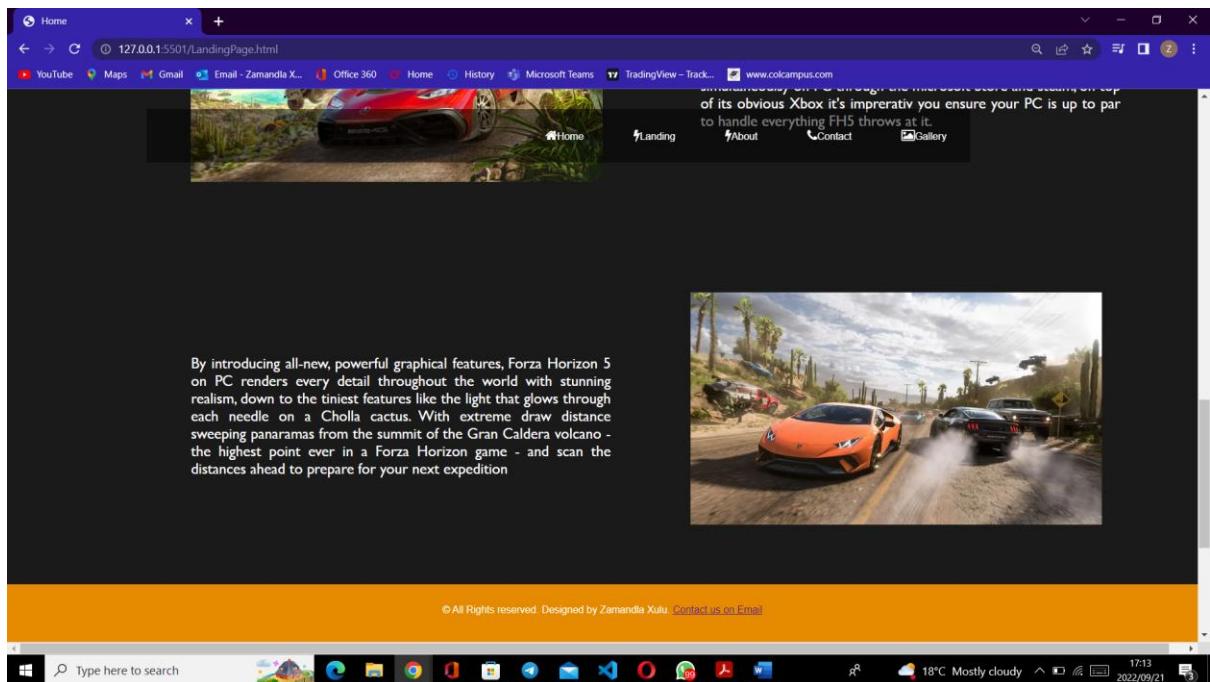
<div id="info1">
    <h1>Where dreams <span>are driven</span></h1>
    
        <p>If any game was always destined to be added to the list of best racing games, it was Forza horizon 5. This open-world racing title from Playground Games offers massive improvements over its predesessor in every way imaginable, including launching simultaneoulsy on PC through the microsoft Store and steam, on top of its obvious Xbox it's imprerativ you ensure your PC is up to par to handle everything FH5 throws at it.</p>
    </div>
    <div id="info2">
        <p> By introducing all-new, powerful graphical features, Forza Horizon 5 on PC renders every detail throughout the world with stunning realism, down to the tiniest features like the light that glows through each needle on a Cholla cactus. With extreme draw distance sweeping panaramas from the summit of the Gran Caldera volcano - the highest point ever in a Forza Horizon game - and scan the distances ahead to prepare for your next expedition</p>
        
    </div>
</div>
<div class="footer">
    <p>
        © All Rights reserved. Designed by Zamandla Xulu.
        <a href="forzaContact.html"> Contact us on Email</a>
    </p>
</div>
</body>
</html>

```

Output for Landing page:

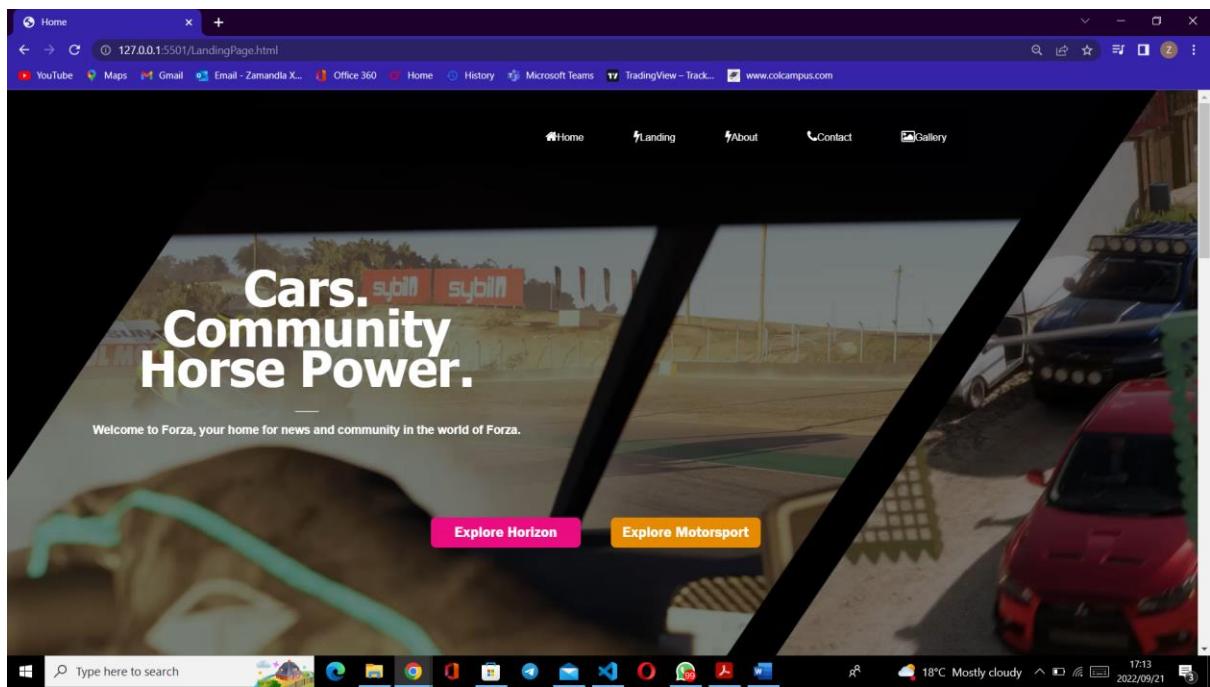
Background is a video



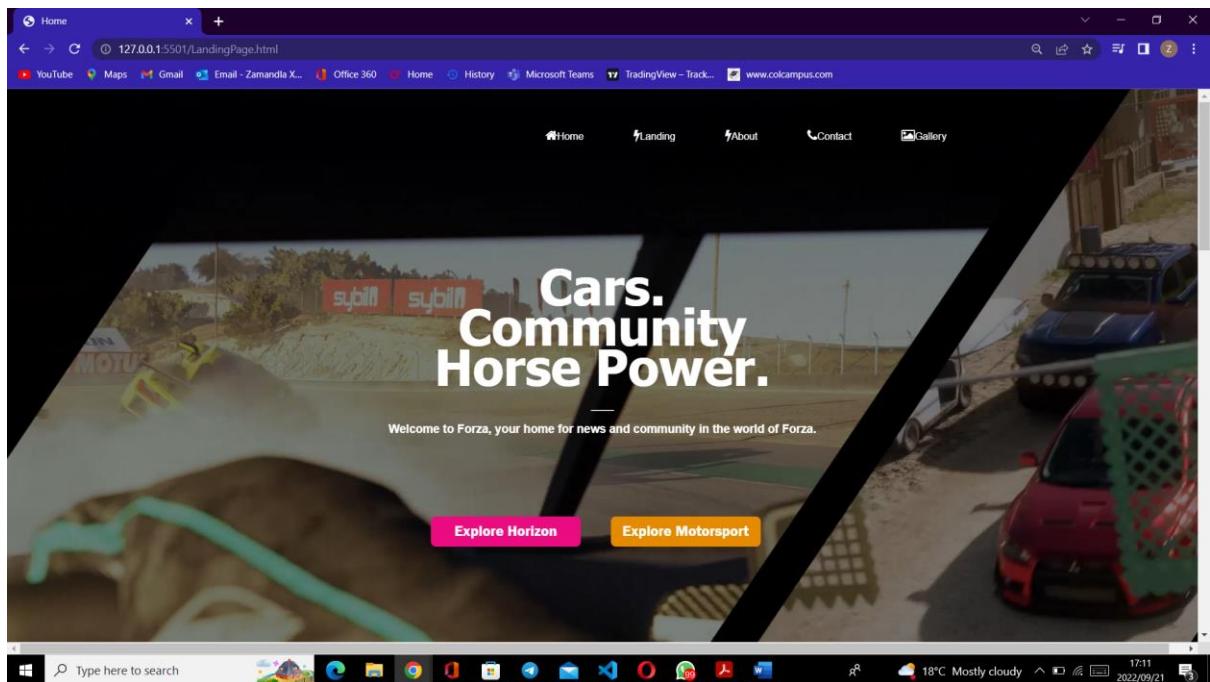


Animation for landing page:

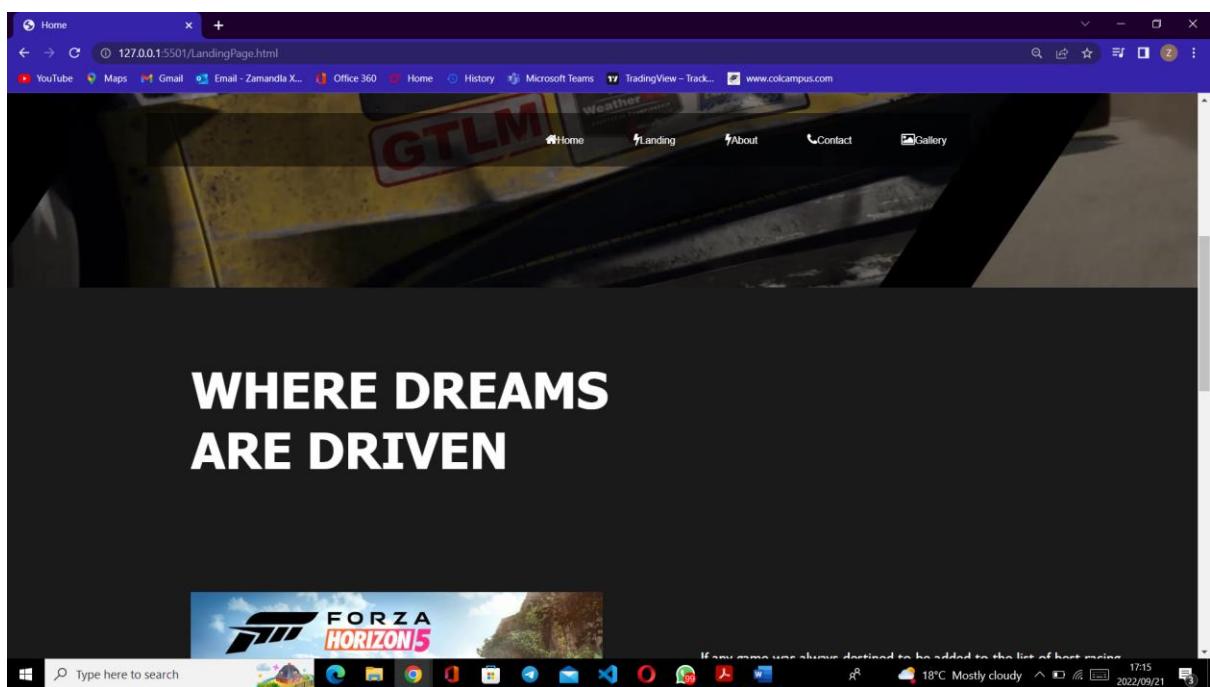
Before, slides from left to right

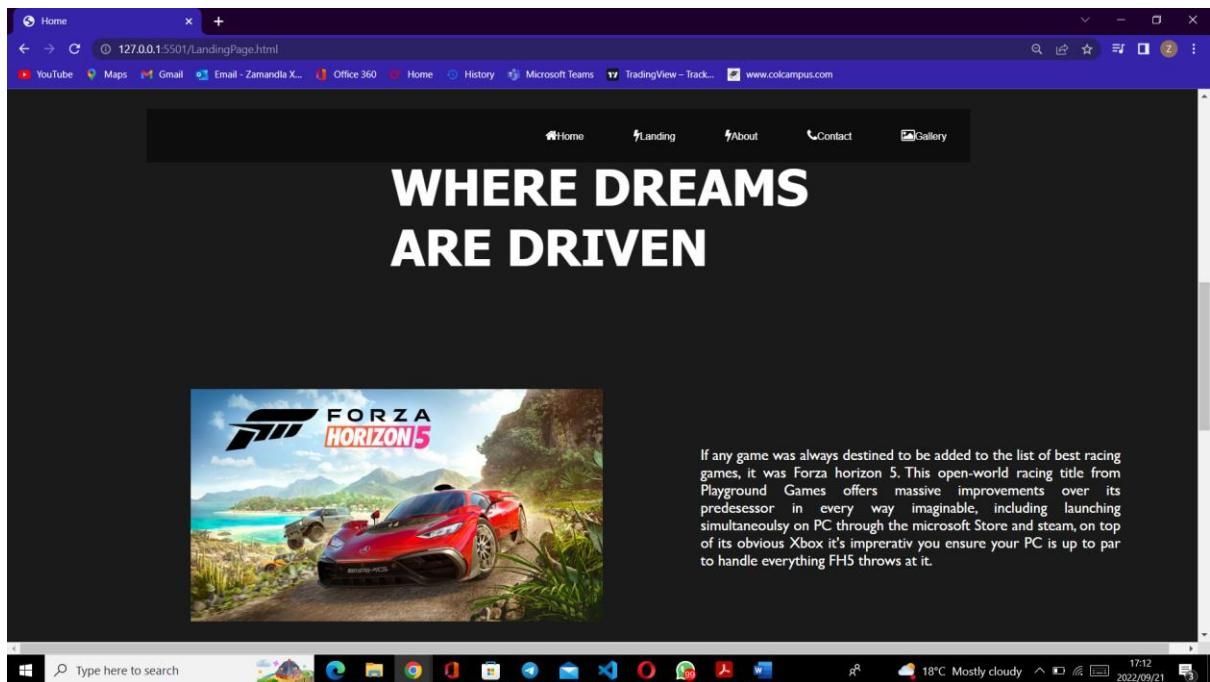


After



Before and after





## Code for the Home page:

```
<!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">
    <link href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:200,300,400,600,700,900|Varela+Round" rel="stylesheet" />
    <link rel="stylesheet" href="gamestyle.css" type="text/css">
    <link rel="stylesheet" href="fonts.css" type="text/css">
    <title>Home</title>

</head>
<body id="background-contact">
    <script src="forza.js"></script>

    <nav>
        <div id="menu" class="container">
            <ul>
                <li class="current_page_item"><a href="forzaHome.html" class="icon icon-home" accesskey="1">Home</a></li>
                <li><a href="LandingPage.html" class="icon icon-bolt" accesskey="3">Landing</a></li>
                    <li><a href="forzaAbout.html" class="icon icon-bolt" accesskey="3">About</a></li>
                        <li><a href="forzaContact.html" class="icon icon-phone" accesskey="2">Contact</a></li>
```

```

        <li><a href="ForzaGallery.html" class="icon icon-picture"
accesskey="2">Gallery</a></li>
    </ul>
</div>
</nav>

<div id="Hwallpaper">
    
</div>
<div id="Hdisplay">
    <h1>Forza Horizon 5</h1>
    <div id="get-it-now">
        <h2>Get it now</h2>
    </div>
    <picture id="xboxGamePassLogo">
        
    </picture>
    <h2 id="h2">Available now with game pass</h2>
    
</div>
<div id="homewords" class="container">
    <h1>YOUR ULTIMATE HORIZON ADVENTURE</h1>
    <hr width="150em">
    <iframe id="youtube" frameborder="0" title="Player for Forza Horizon 5 - Official Launch Trailer" width="740" height="460"
src="https://www.youtube.com/embed/U3mEOHvSUyw?autoplay=0&controls=0&disablerkb=1&playsinline=1&cc_load_policy=0&cc_lang_pref=auto&widge
t_referrer=https%3A%2F%2Fforza.net%2Fhorizon&rel=0&showinfo=0&v_load_policy=3&modestbranding=1&customControls=true&noCookie=false&enablejsapi=1&origin=https%3A%2F%2Fforza.net&widgetid=1"></iframe>
    <h2>Forza is bigger and better so join the community.</h2>
    <div id="svg2">
        <svg xmlns="http://www.w3.org/2000/svg" width="212" height="212"
viewBox="0 0 93.91 77.1"><title>Forza Horizon logo</title>
        <path d="M504,466.4a13.39,13.39,0,0,0-8.13,3.11,22.54,22.54,0,0,0-
4,4.52l-1.05,1.59h42.09a13.16,13.16,0,0,0,6.07-1.56,19.18,19.18,0,0,0,6.54-
6.23l.95-1.42H504ZM477.66,477.51-
.29.2c0,.11.08.19.29.22L502.84,482,496.9,491l9.11-1.39,8-
12.08Zm37.08,0,0,.05,0,0c.41.19,1.09.82-.2,2.75l-5.89,8.84,9.09-1.39,6.83-
10.28Zm10.54,0,0,.05,0,0c.41.19,1.08.82-.21,2.75l-4.65,7,0,0,6.13-
.94a5.82,5.82,0,0,0,1.74-.57,11.44,11.44,0,0,0,3.92-3.94l2.94-4.42Zm-

```

```

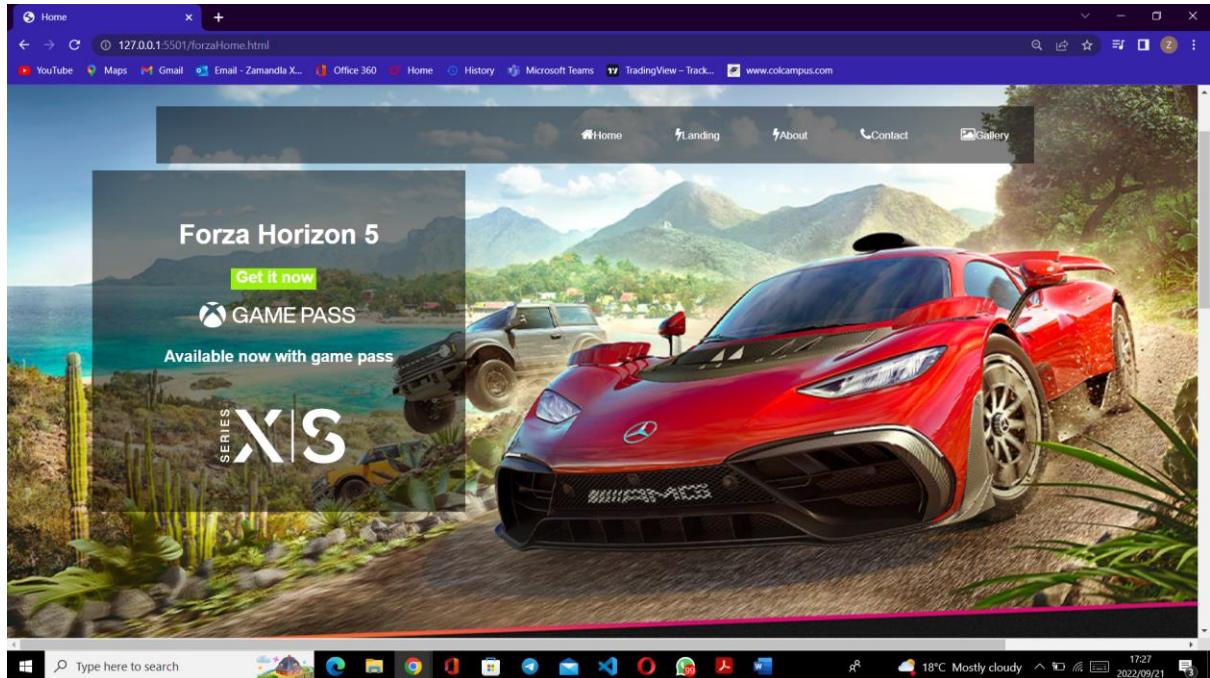
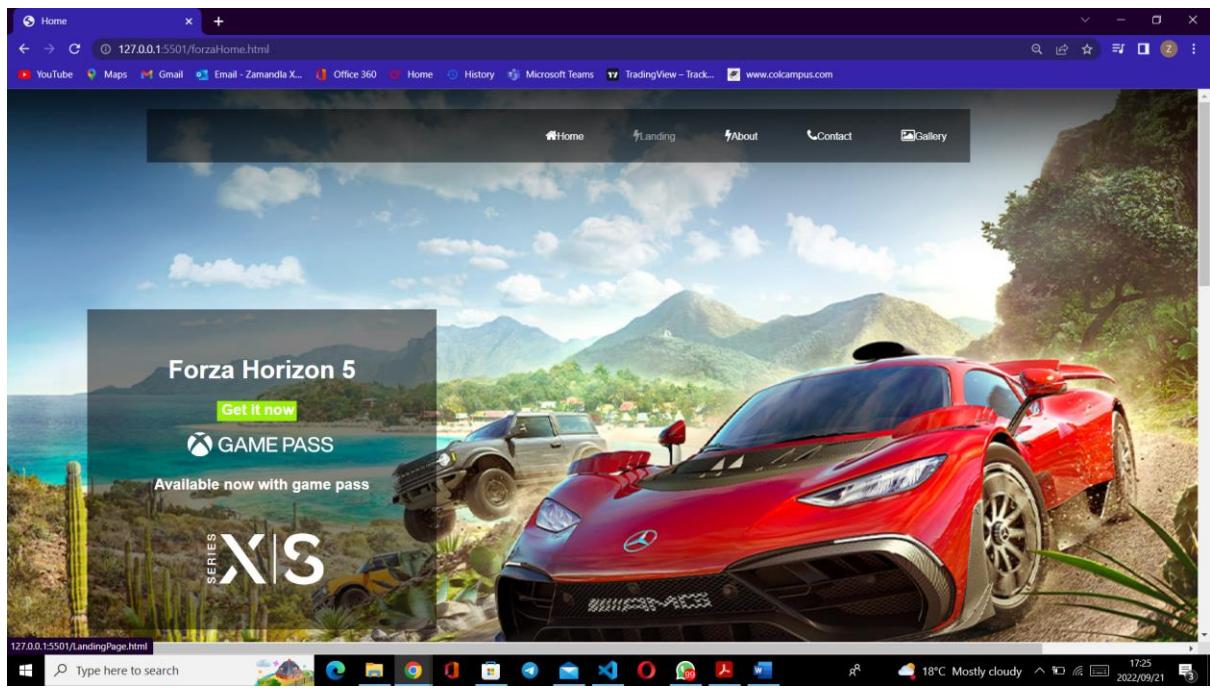
37.57,3.92-11,16.56,14.65-2.24,8.16-12.27ZM488.91,504c-3.62.12-7.48,2.31-
7.48,7.12a6.14,6.14,0,0,1.38,4.16c.53.68,2.12,2.73,6.32,2.73,5.06,0,7.76-
3.15,7.76-7,0-4.31-3.42-7-7.57-7Zm60.34.87L543.06,518h3.211-
2.22h7.1811,2.22h3.251-6.23-13.1Zm-46,0V518h2.9v-
4.76h4.2213.38,4.76h3.49L513.67,513a3.64,3.64,0,0,0,2-1.22,4.07,4.07,0,0,0,1-
2.52c0-.15,0-.32,0-.53a4.07,4.07,0,0,0-2.52c-1.09-1.26-2.44-1.39-3.93-
1.39Zm20.46,0v2.56h8.211-8.86,8.21V518h13.16v-2.56h-8.9218.92-8.27v-
2.26ZM465.1,505v13.1h2.71V513.3H47311.3-2.53h-6.53v-3.21H47611.33-
2.57Zm23.9,1.61h.25c2.61,0,4.76,1.73,4.76,4.43,0,2.4-1.69,4.38-
4.88,4.38a4.55,4.55,0,0,1-4-1.72,3.89,3.89,0,0,1-.86-
2.62C484.3,508,486.72,506.67,489,506.59Zm17.15.85h5.08c1.29,0,1.83.33,2.08.64a
2,2,0,0,1,.33,1v.18a1.37,1.37,0,0,1-.06.310,.06a1.47,1.47,0,0,1-
1,.89,5.41,5.41,0,0,1-1.19.14h-5.18Zm44.73.68,2.44,5.06h-4.82Z"
style="fill:#fff" transform="translate(-465.1 -466.4)"/>
    <path d="M559,521H468.621-3.38,22.54h90.25Zm-
67.51,2.18c4.78,0,5.9,4.76,5.22,9s-3.3,9-8.08,9-5.9-4.76-5.23-
9S486.71,523.14,491.5,523.14Zm43.61,0c4.78,0,5.9,4.76,5.22,9s-3.3,9-8.08,9-
5.9-4.77-5.23-9S530.32,523.14,535.1,523.14Zm-62.52.3h4.721-1,6.24h2.24l1-
6.24h4.721-2.76,17.42h-4.72l1.12-7.07h-2.24l-1.12,7.07h-
4.72Zm26,0h4.55c4.09,0,6.86,1.2,6.13,5.8a5.34,5.34,0,0,1-3.4,4.36l2.37,7.26h-
5.11l-1.46-7.26-.05,0c-.11.85-.2,1.71-.34,2.57l-.74,4.64h-4.71Zm12.92,0h4.72l-
2.76,17.42h-4.72Zm6.12,0h11.53l-7,11.92c-.32.55-.67,1.07-1,1.6.87-.07,1.76-
.21,2.66-.21h2.68l-.65,4.11h-12l6.52-11.07a23.9,23.9,0,0,1,1.72-2.38c-.93,0-
2,.14-3,.14H517Zm24.57,0h4.49l2.1,10.49.05,0c.13-2,.1-4,.42-6l.7-4.44h4.53l-
2.76,17.42h-4.53l-1.92-10.05-.05,0c-.15,1.64-.2,3.26-.46,4.91-.81,5.11h-
4.53ZM503,527.18h-.24l-.68,4.3.3,0a2.45,2.45,0,0,0,2.27-
2.22C504.87,527.86,504.16,527.2,503,527.18Zm-12.2.35c-1.78,0-2.41,3.54-
2.58,4.62s-.66,4.62,1.12,4.62,2.41-3.53,2.58-
4.62S492.58,527.53,490.8,527.53Zm43.61,0c-1.78,0-2.41,3.53-2.58,4.62s-
.67,4.62,1.12,4.62,2.41-3.54,2.58-4.62S536.19,527.53,534.41,527.53Z"
transform="translate(-465.1 -466.4)" style="fill:#ea0c80"/></svg>
    </div>
</div>

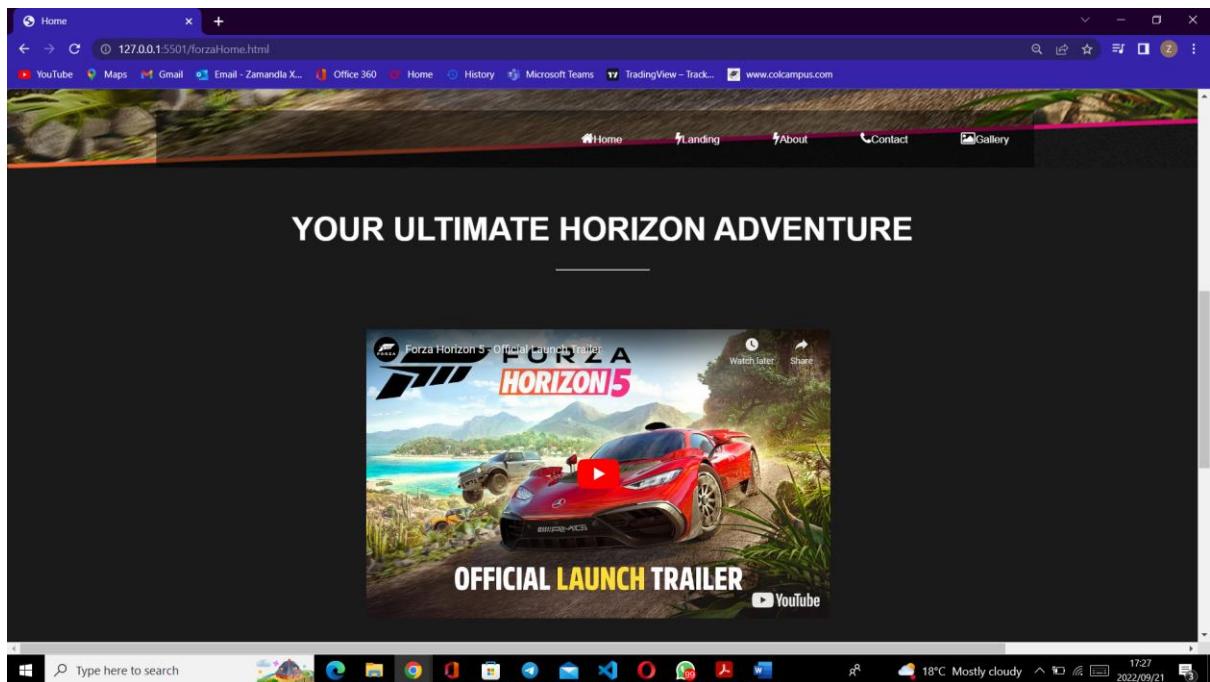
<div class="footer">
    <p>
        © All Rights reserved. Designed by Zamandla Xulu.
        <a href="forzaContact.html"> Contact us on Email </a>
    </p>
</div>
</body>
</html>

```

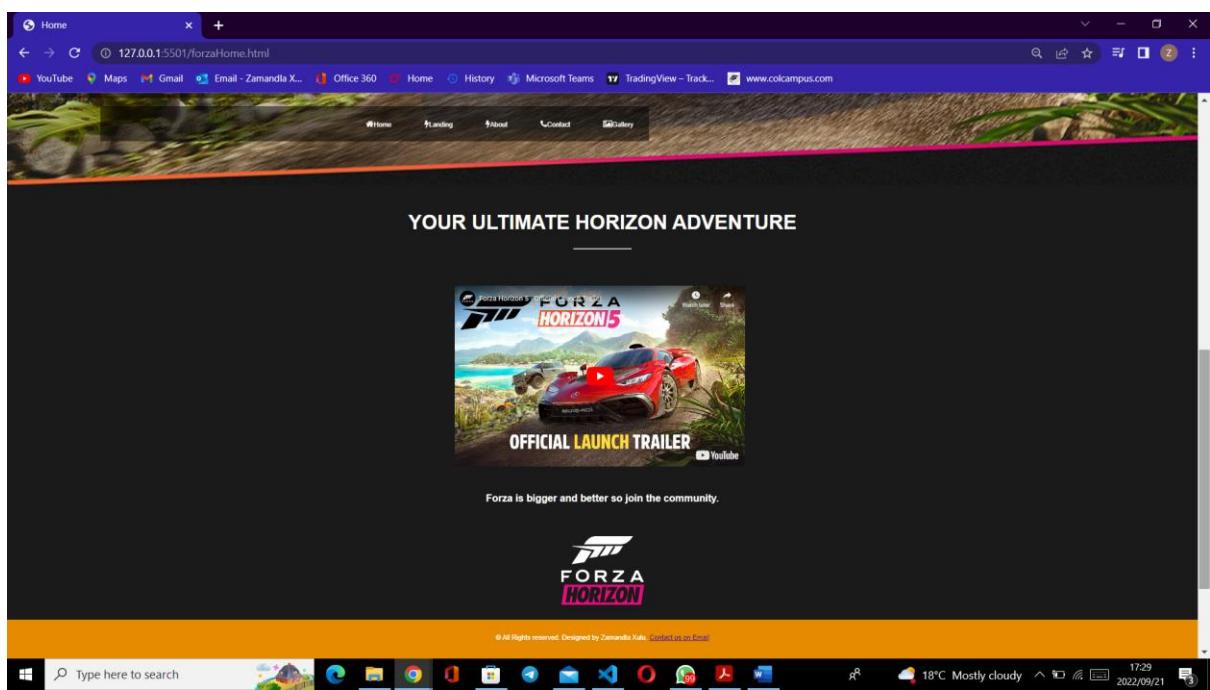
Output for Home page:

When you hover over the likes on the menu it changes colour for all the web pages.

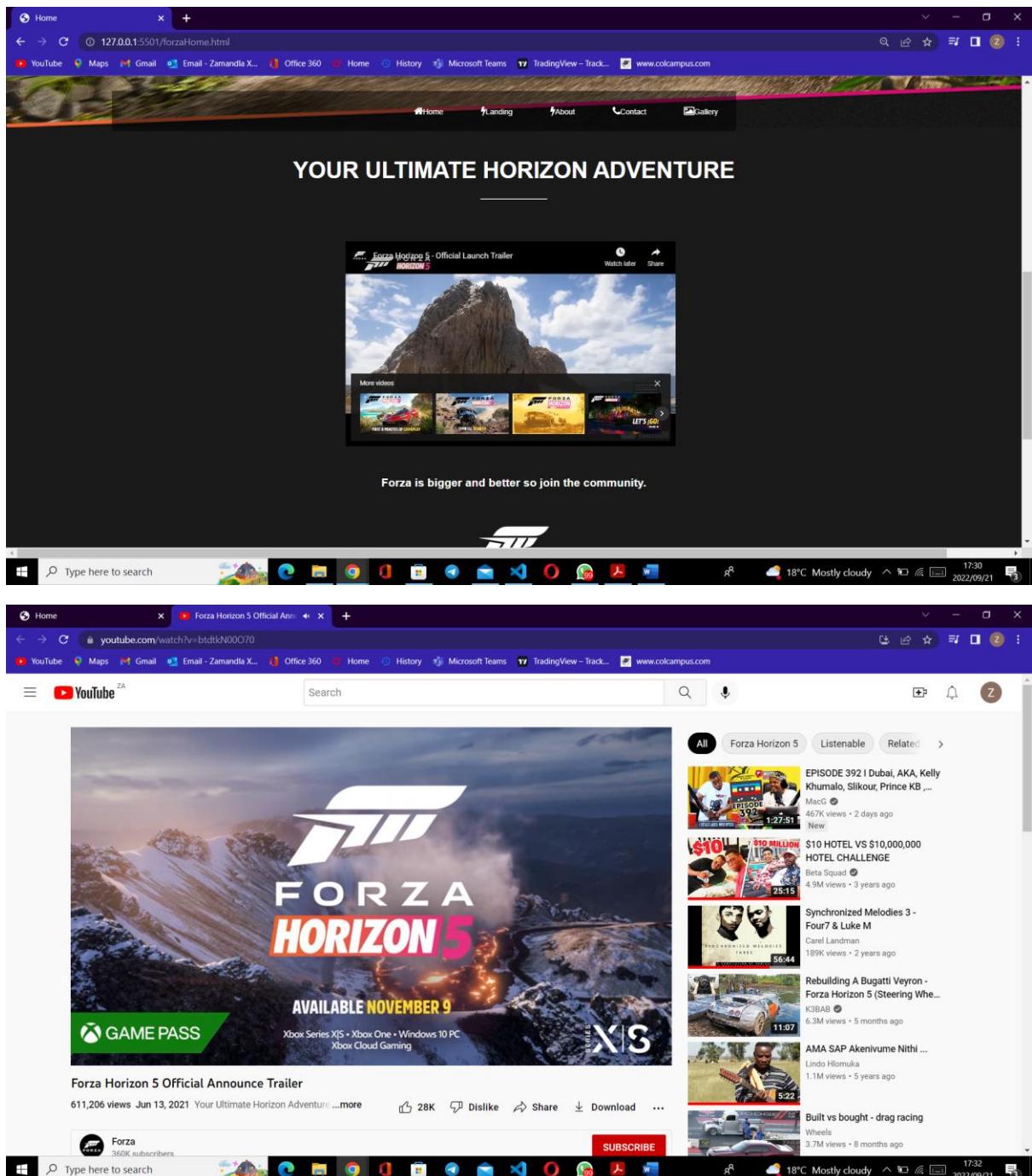




When zoomed out slightly.



When you play the video then pause, It shows you recommended videos to watch, and when you click it, it sends you to youtube.



Code for the about Page:

```
<!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">
    <link
        href="http://fonts.googleapis.com/css?family=Source+Sans+Pro:200,300,400,600,700,900|Varela+Round" rel="stylesheet" />
    <link rel="stylesheet" href="gamestyle.css" type="text/css">
```

```
<link rel="stylesheet" href="fonts.css" type="text/css">
<title>About</title>

</head>
<body>
    <div id="aboutBody">
        <script src="forza.js"></script>

        <nav>
            <div id="menu" class="container">
                <ul>
                    <li class="current_page_item"><a href="forzaHome.html" class="icon icon-home" accesskey="1">Home</a></li>
                    <li><a href="LandingPage.html" class="icon icon-bolt" accesskey="3">Landing</a></li>
                    <li><a href="forzaAbout.html" class="icon icon-bolt" accesskey="3">About</a></li>
                    <li><a href="forzaContact.html" class="icon icon-phone" accesskey="2">Contact</a></li>
                    <li><a href="ForzaGallery.html" class="icon icon-picture" accesskey="2">Gallery</a></li>
                </ul>
            </div>
        </nav>

        <div id="fdisplay">
            
        </div>
        <div id="fdisplayWords" class="container">
            <h1>We live <span>for</span><span>speed</span></h1>

            <div id="displayforza">
                <p>Explore Horizon</p>
            </div>
        </div>
        <div id="background">
            <div id="back" class="container">
                <h1>Background</h1>
                <p>Forza (Italian for "force"[1] and "strength") is a series of simulation racing games for Xbox consoles, Microsoft Windows, iOS and Android devices published by Xbox Game Studios. The series seeks to emulate the
            </div>
        </div>
    </div>
</body>
```

performance and handling characteristics of many real-life production, modified and racing cars.</p>

```
<div id="enjoyable">
    <h1>What makes Forza enjoyable</h1>
    <p>The environments are beautiful and varied. The driving physics are accessible yet still authentic. And the racing is as entertaining as ever. A healthy array of event types, side-mission-esque tasks, and passive driving challenges make sure there's always something to do and that you're always leveling up.</p>
    
</div>
```

<div id="features">

```
<h1>Game features</h1>

<div id="features1">
    <h2>Your Horizon <span>advantage</span></h2>
    <p>Lead breathtaking expeditions across the vibrant and ever-evolving open world landscapes of Mexico with limitless, fun driving action in hundreds of the world's greatest cars.</p>
</div>

<div id="features2">
    <h2>Your Open <span>world</span></h2>
    <p>Create your own expressions of fun with the new EventLab gameplay toolset including custom races, challenges, stunts and new game modes. Customise your cars in more ways than ever before. Use the Gift Drops feature to share your custom creations.</p>
</div>

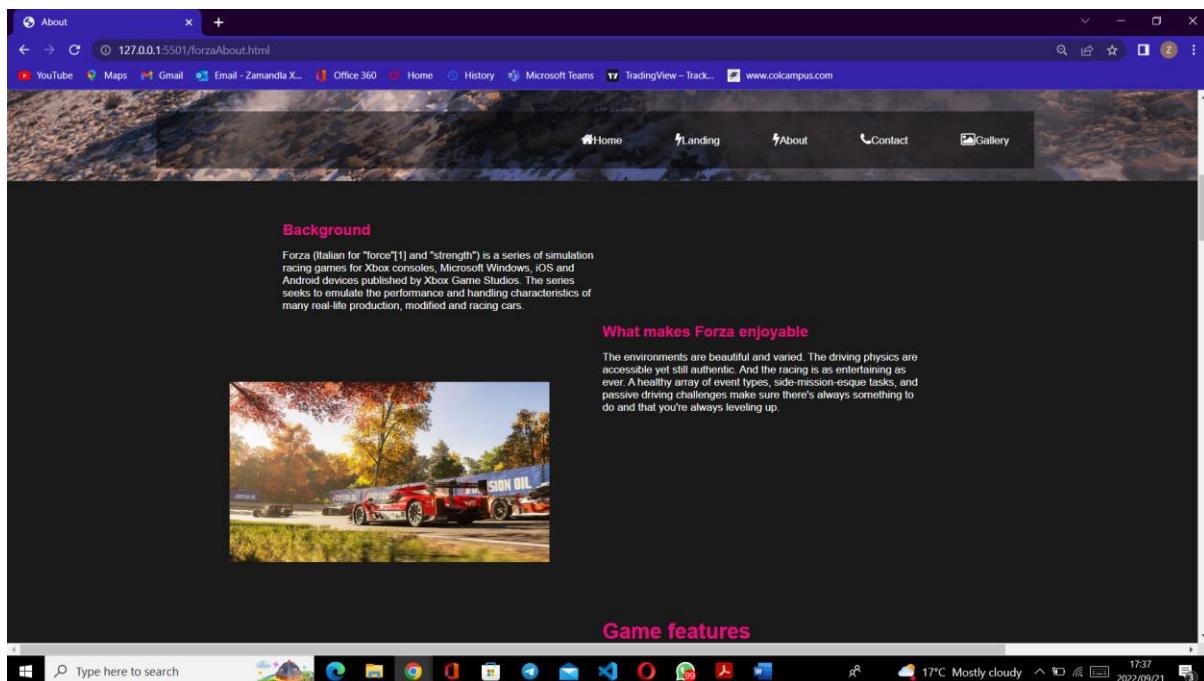
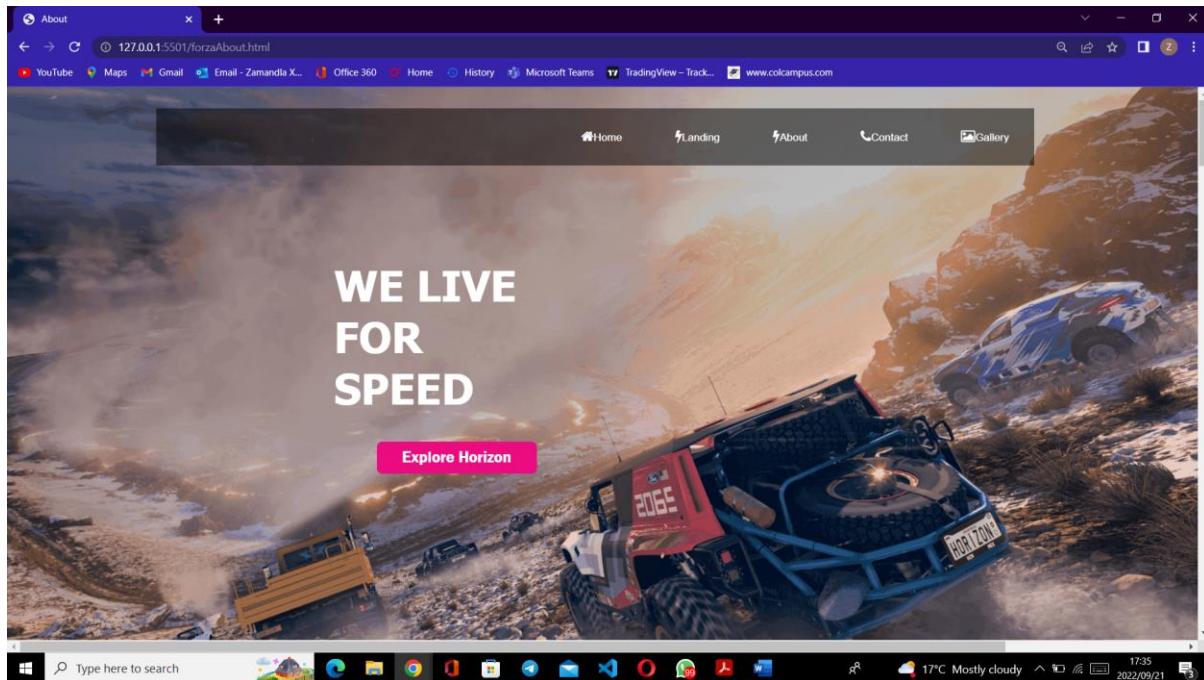
<div id="features3">
    <h2>Adventurous open world</h2>
    <p>Immerse yourself in a deep campaign with hundreds of challenges that reward you for engaging in the activities you love. Meet new characters and choose the outcomes of their Horizon Story missions.</p>
</div>
Profanity or other offensive terms or gestures: This includes phrases such as "FTP," "ACAB," "CIP," and other abbreviations.
            </li>
            <li>Harassment, abuse, or bullying of other players.</li>
            <li>Nudity or other sexual content, including in-game sexual content.</li>
                <li>Harm or violence against people or animals, or promotion of self-harm - including but not limited to the imagery of firearms.</li>
                    <li>Cheating or promoting the use of unauthorized game modifications.</li>
                        <li>Use of illegal drugs or controlled substances.</li>
                        <li>Other illegal activities.</li>
                        <li>Pornographic website logos or similar.</li>
                        <li>Personal information such as phone numbers or personal addresses.</li>
                            <li>Vans with "free candy" or similar "free __" wording.</li>
                                <li>Certain notorious individuals, organizations, or events.</li><br>
                            </ul>
                            <li><strong><span>Modifications, Cheating, Exploitation, Solicitation, etc.</span></strong></li><br>
                                <ul>
                                    <li><strong> Selling or purchasing in-game content/accounts </strong> (including but not limited to; credits, wheel spins, experience, and cars) for real-life money is a severe violation of the Terms of Use and will result in a permanent suspension of both the account and device.</li>
                                        <li><strong>Unauthorized modification</strong> and save swapping to obtain unaccounted for (including but not limited to credits, experience, cars not available, vehicles before their release date, and wheelspins) is a severe violation of the Terms of Use. It will result in a permanent suspension of both the account and device.</li>
                                            <li><strong>Exploitation:</strong>Since competition is best when it's fair, a level playing field is one of the essential requirements for gaming. When people cheat, use exploits, or otherwise tamper with hardware or software to gain a competitive advantage, it ruins the experience for everyone. Because of this, cheating, tampering, and the use of exploits are never acceptable in the Xbox community. Like, never.</li>
                                    </ul>
                                </ol>
                            </div>
                        </div>
                        <div id="svg1" class="container">
                            <img alt="Forza Horizon logo" data-bbox="114 87 886 880"/>
                            <title>Forza Horizon logo</title>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

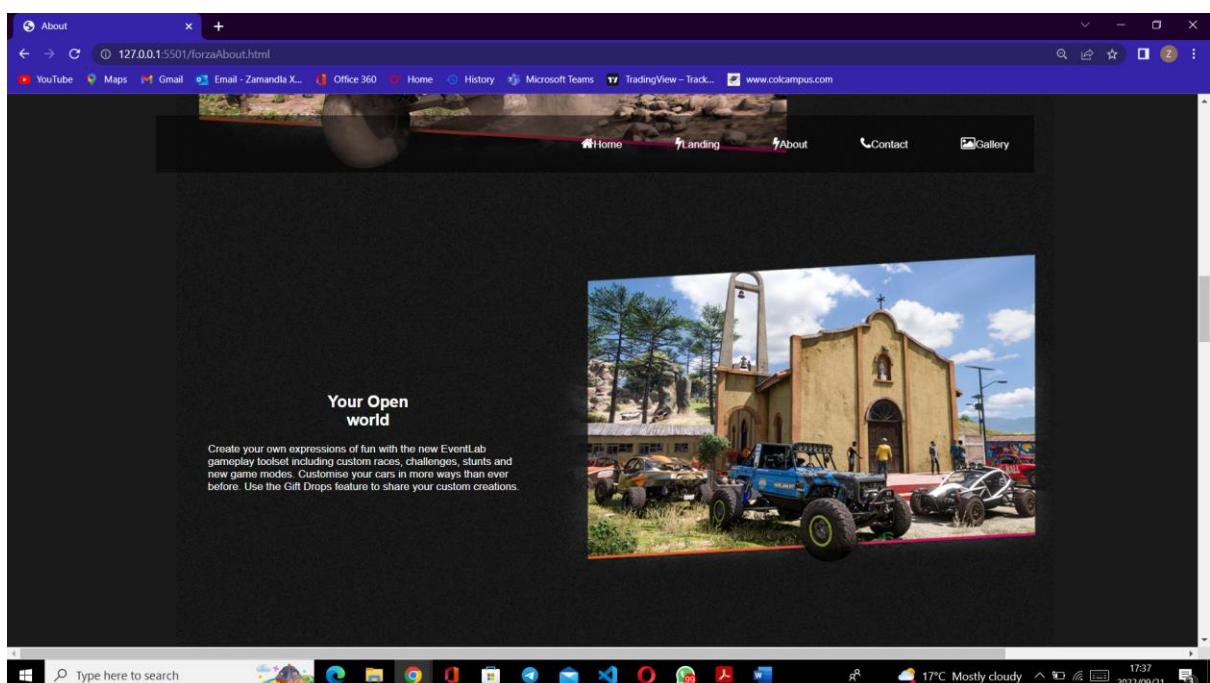
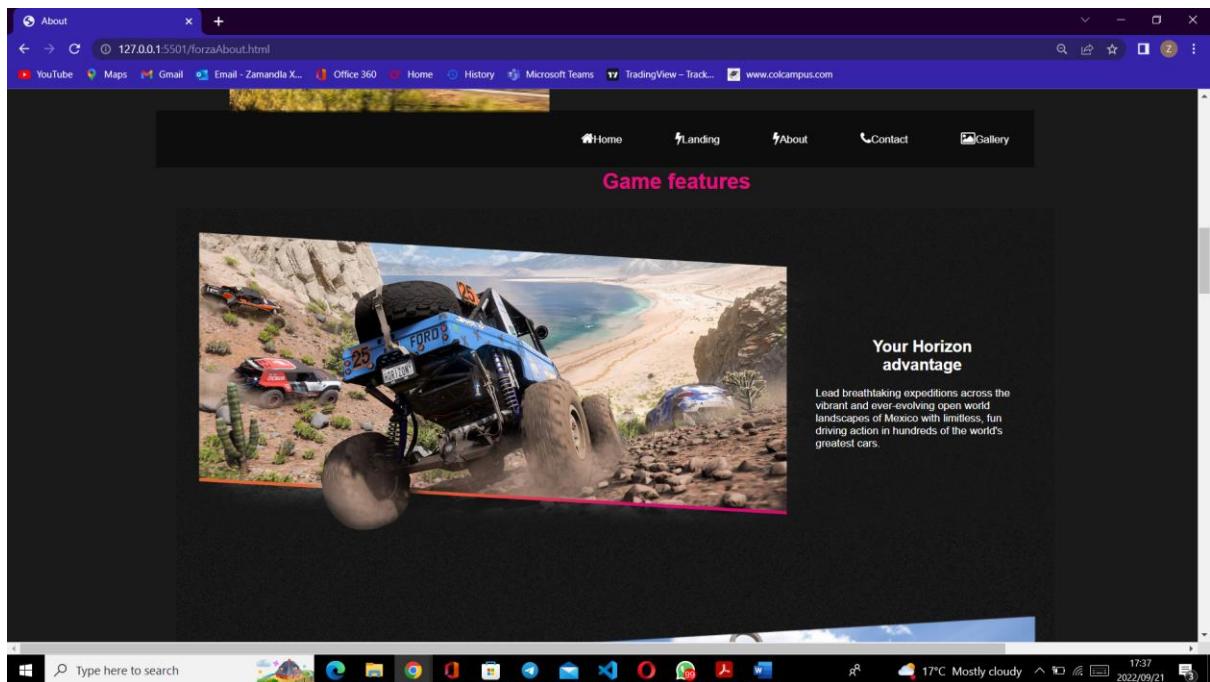
```
<path d="M504,466.4a13.39,13.39,0,0,0-8.13,3.11,22.54,22.54,0,0,0-4,4.52l-1.05,1.59h42.09a13.16,13.16,0,0,6.07-1.56,19.18,19.18,0,0,0,6.54-6.23l.95-1.42H504ZM477.66,477.51-.29.2c0,.11.08.19.29.22L502.84,482,496.9,491l9.11-1.39,8-12.08Zm37.08,0,0,.05,0,0c.41.19,1.09.82-.2,2.75l-5.89,8.84,9.09-1.39,6.83-10.28Zm10.54,0,0,.05,0,0c.41.19,1.08.82-.21,2.75l-4.65,7,0,0,6.13-.94a5.82,5.82,0,0,1.74-.57,11.44,11.44,0,0,0,3.92-3.94l2.94-4.42Zm-37.57,3.92-11,16.56,14.65-2.24,8.16-12.27ZM488.91,504c-3.62.12-7.48,2.31-7.48,7.12a6.14,6.14,0,0,0,1.38,4.16c.53.68,2.12,2.73,6.32,2.73,5.06,0,7.76-3.15,7.76-7,0-4.31-3.42-7-7.57-7Zm60.34.87L543.06,518h3.211-2.22h7.1811,2.22h3.25l-6.23-13.1Zm-46,0V518h2.9v-4.76h4.22l3.38,4.76h3.49L513.67,513a3.64,3.64,0,0,0,2-1.22,4.07,4.07,0,0,0,1-2.52c0-.15,0-.32,0-.53a4.07,4.07,0,0,0-1-2.52c-1.09-1.26-2.44-1.39-3.93-1.39Zm20.46,0v2.56h8.21l-8.86,8.21V518h13.16v-2.56h-8.92l8.92-8.27v-2.26ZM465.1,505v13.1h2.71V513.3H473l1.3-2.53h-6.53v-3.21H476l1.33-2.57Zm23.9,1.61h.25c2.61,0,4.76,1.73,4.76,4.43,0,2.4-1.69,4.38-4.88,4.38a4.55,4.55,0,0,1-4-1.72,3.89,3.89,0,0,1-.86-2.62C484.3,508,486.72,506.67,489,506.59Zm17.15.85h5.08c1.29,0,1.83.33,2.08.64a2,2,0,0,1,.33,1v.18a1.37,1.37,0,0,1-.06.310,.06a1.47,1.47,0,0,1-1..89,5.41,5.41,0,0,1-1.19.14h-5.18Zm44.73.68,2.44,5.06h-4.82Z" style="fill:#fff" transform="translate(-465.1 -466.4)"/>
    <path d="M559,521H468.62l-3.38,22.54h90.25Zm-67.51,2.18c4.78,0,5.9,4.76,5.22,9s-3.3,9-8.08,9-5.9-4.76-5.23-9S486.71,523.14,491.5,523.14Zm43.61,0c4.78,0,5.9,4.76,5.22,9s-3.3,9-8.08,9-5.9-4.77-5.23-9S530.32,523.14,535.1,523.14Zm-62.52.3h4.72l-1,6.24h2.24l1-6.24h4.72l-2.76,17.42h-4.72l1.12-7.07h-2.24l-1.12,7.07h-4.72Zm26,0h4.55c4.09,0,6.86,1.2,6.13,5.8a5.34,5.34,0,0,1-3.4,4.36l2.37,7.26h-5.11l-1.46-7.26-.05,0c-.11.85-.2,1.71-.34,2.57l-.74,4.64h-4.71Zm12.92,0h4.72l-2.76,17.42h-4.72Zm6.12,0h11.53l-7,11.92c-.32.55-.67,1.07-1,1.6.87-.07,1.76-.21,2.66-.21h2.68l-.65,4.11h-12l6.52-11.07a23.9,23.9,0,0,1,1.72-2.38c-.93,0-.2,.14-3,.14H517Zm24.57,0h4.49l2.1,10.49.05,0c.13-2,.1-4,.42-6l.7-4.44h4.53l-2.76,17.42h-4.53l-1.92-10.05-.05,0c-.15,1.64-.2,3.26-.46,4.91-.81,5.11h-4.53ZM503,527.18h-.24l-.68,4.3.3,0a2.45,2.45,0,0,0,2.27-2.22C504.87,527.86,504.16,527.2,503,527.18Zm-12.2.35c-1.78,0-2.41,3.54-2.58,4.62s-.66,4.62,1.12,4.62,2.41-3.53,2.58-4.62S492.58,527.53,490.8,527.53Zm43.61,0c-1.78,0-2.41,3.53-2.58,4.62s-.67,4.62,1.12,4.62,2.41-3.54,2.58-4.62S536.19,527.53,534.41,527.53Z" style="transform:translate(-465.1 -466.4)" style="fill:#ea0c80"/></svg>
    </div>
</div>
</div>
<div></div>
<div class="footer">
    <p>
        © All Rights reserved. Designed by Zamandla Xulu.
        <a href="forzaContact.html"> Contact us on Email </a>
    </p>
</div>
```

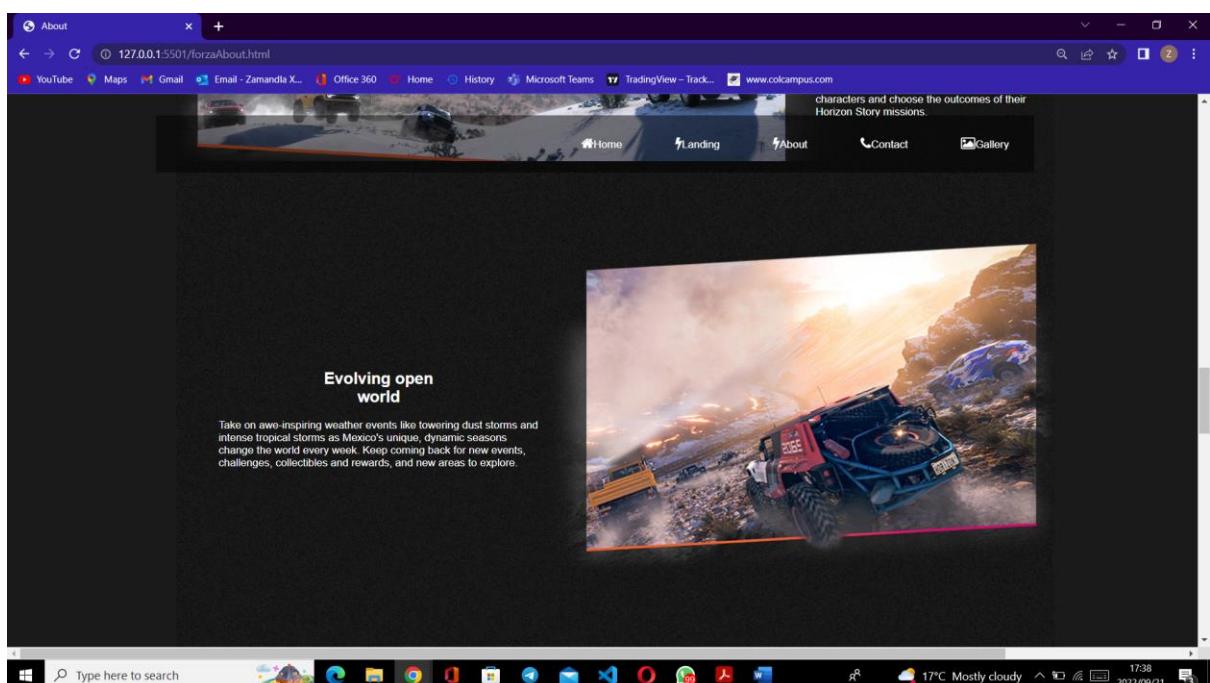
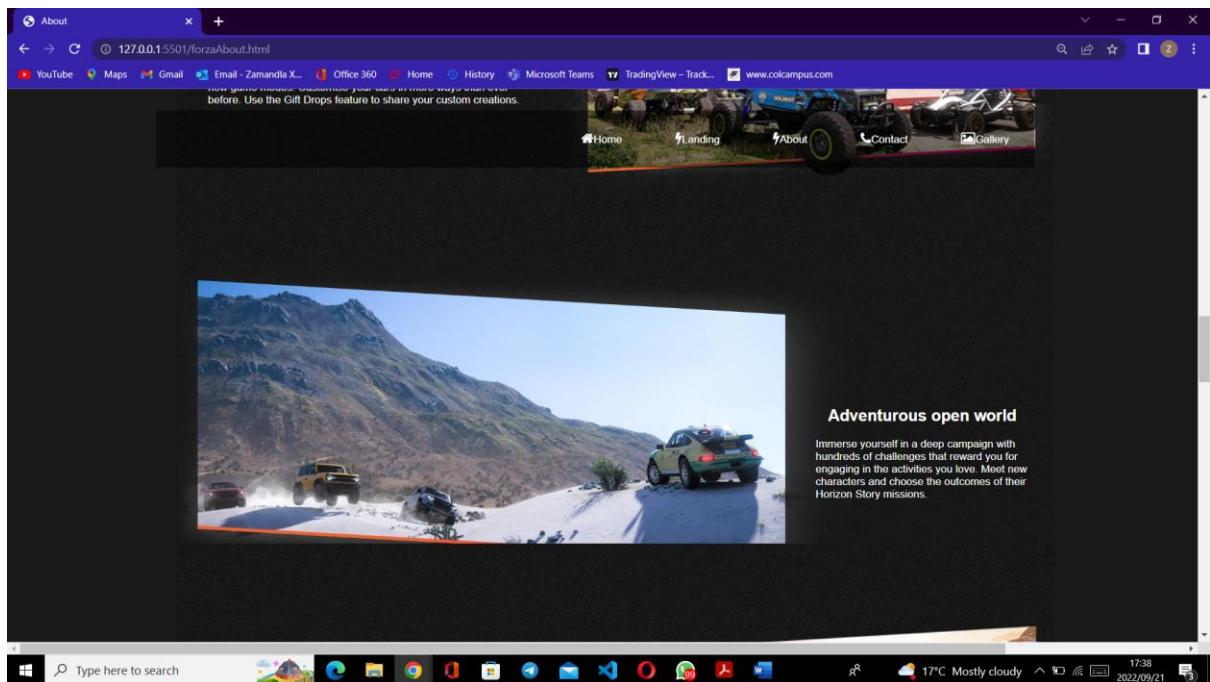
```
</body>  
</html>
```

# Output for About:



Windows 10 Taskbar: Type here to search, File Explorer, Edge, File Explorer, Mail, Chrome, File Explorer, Microsoft Teams, TradingView – Track..., www.colcampus.com, 17:35, 17°C Mostly cloudy, 2022/09/21





About

127.0.0.1:5501/forzaAbout.html

YouTube Maps Gmail Email - Zamanda X... Office 360 Home History Microsoft Teams TradingView - Track... www.colcampus.com

Events open world

Take on awe-inspiring weather events like towering dust storms and intense tropical storms as Mexico's unique, dynamic seasons change the world every week. Keep coming back for new events, challenges, collectibles and rewards, and new areas to explore.

Home Landing About Contact Gallery

Rules

The Big 4

At Turn 10, we look at four broad categories of enforcement action. These apply to Forza Titles, Forza Discord, Forza forums and Forza streams.

- Xbox Live platform content is account-level content such as Gamertag, Gamercpic, profile, Xbox Clubs, Xbox Live messaging, and party voice chat.
- Unsportsmanlike conduct pertains to intentional race disruption, such as wrecking, ramming, spearing, and shoving.
- UGC (User Generated Content) includes streaming, social media posts, layer groups, liveries, photos, and content on external video sites.

Type here to search

17°C Mostly cloudy 17:38 2022/09/21

About

127.0.0.1:5501/forzaAbout.html

YouTube Maps Gmail Email - Zamanda X... Office 360 Home History Microsoft Teams TradingView - Track... www.colcampus.com

Home Landing About Contact Gallery

Rules

The Big 4

At Turn 10, we look at four broad categories of enforcement action. These apply to Forza Titles, Forza Discord, Forza forums and Forza streams.

- Xbox Live platform content is account-level content such as Gamertag, Gamercpic, profile, Xbox Clubs, Xbox Live messaging, and party voice chat.
- Unsportsmanlike conduct pertains to intentional race disruption, such as wrecking, ramming, spearing, and shoving.
- UGC (User Generated Content) includes streaming, social media posts, layer groups, liveries, photos, and content on external video sites.
- Cheating, Exploitation, Solicitation, Phishing, and Impersonation - these violations are by far the most serious and can lead to a permanent suspension without warning.

1. Xbox Live Platform Content

The Xbox Safety team governs Platform-level content. While Forza suspensions will only impact that game title, platform-level enforcement will affect your entire Xbox Live account. Please visit Xbox Live device bans to learn more about platform-wide conduct expectations. To see the enforcement history of your account, please check the Xbox Enforcement page.

2. Unsportsmanlike Conduct

This category covers in-game conduct, especially in races. Going out of your way to intentionally cause wrecking in multiplayer races goes against the spirit of the game and can result in enforcement action. While the occasional drift tap or nudge is unavoidable, reckless or malicious driving can warrant enforcement action. This is enforced much more strictly in the Forza Motorsport series but is enforceable in any Forza title.

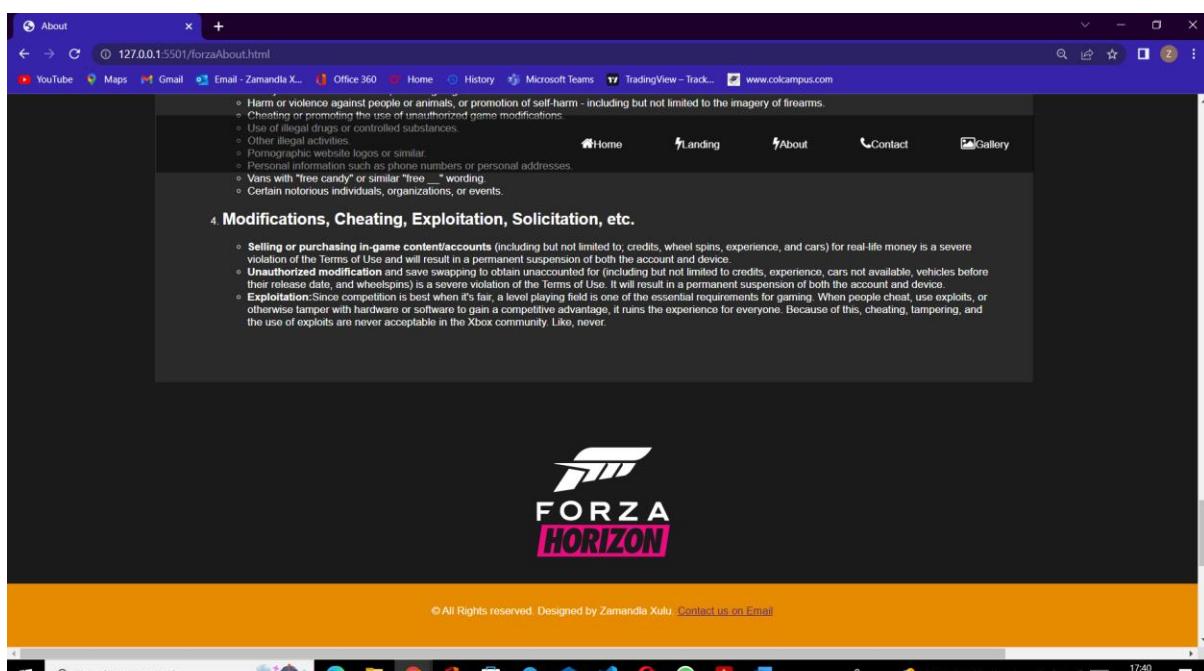
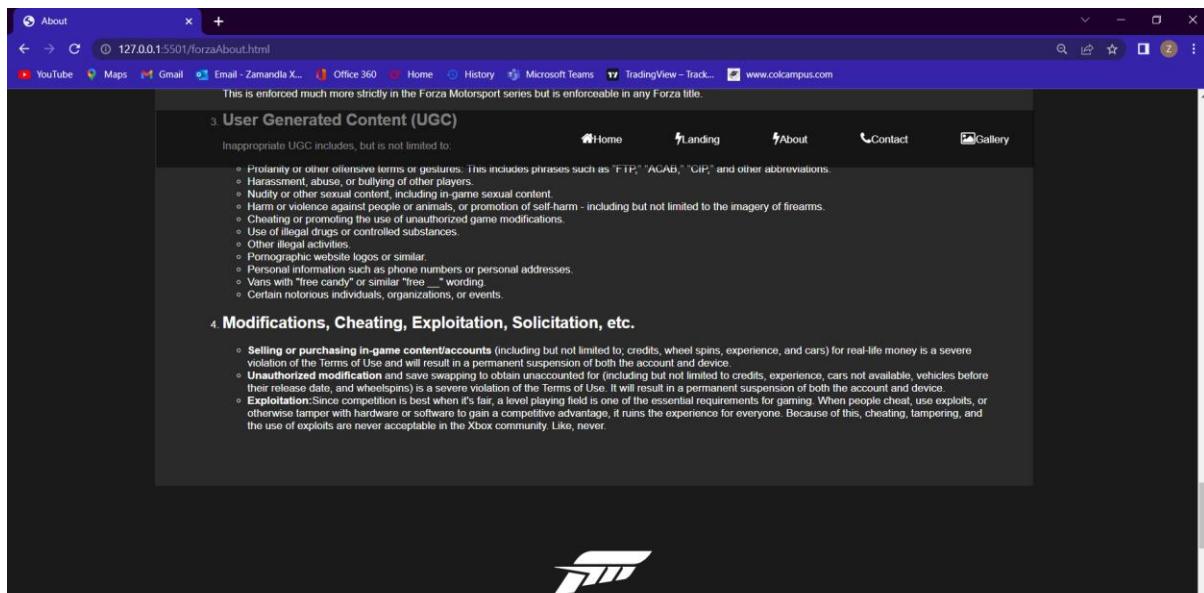
3. User Generated Content (UGC)

Inappropriate UGC includes, but is not limited to:

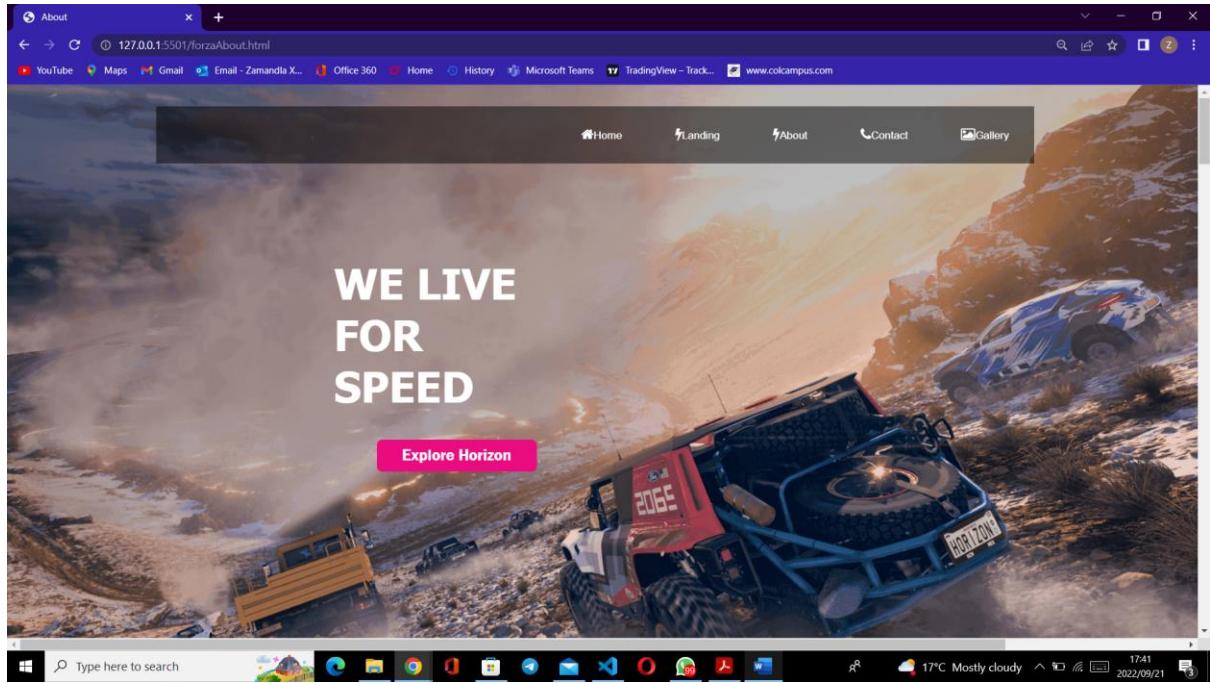
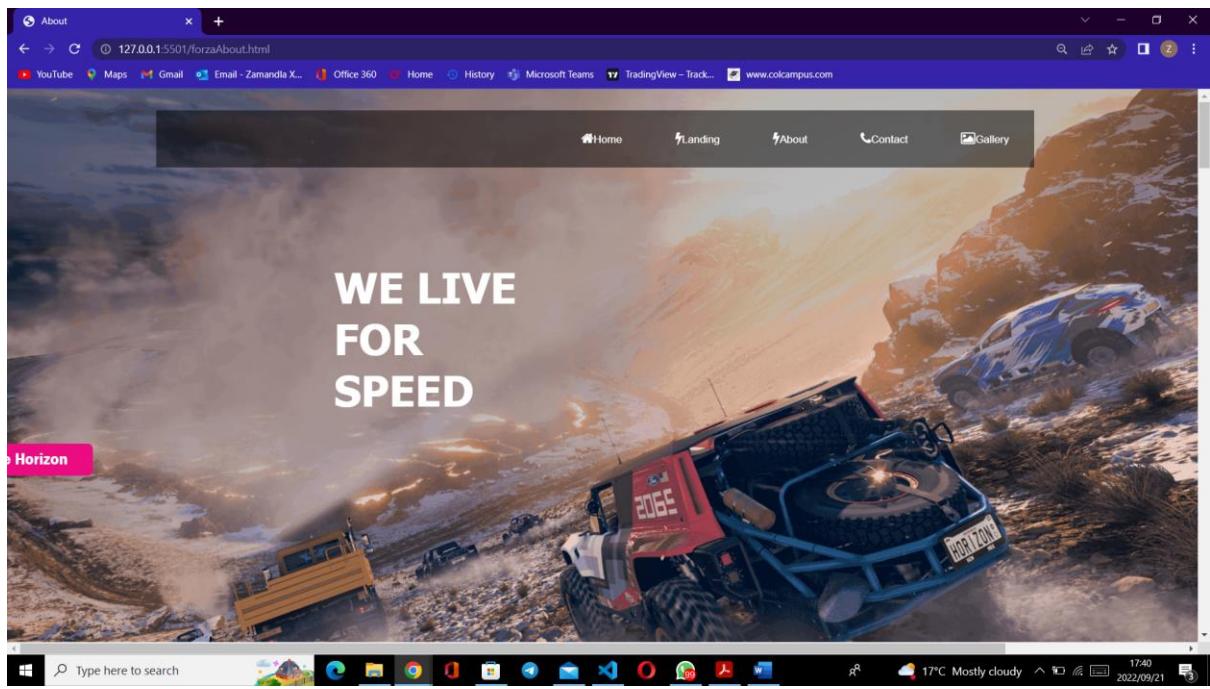
- Pronanity or other offensive terms or gestures: This includes phrases such as "FTP," "ACAB," "CIP," and other abbreviations.
- Harassment, abuse, or bullying of other players.
- Nudity or other sexual content, including in-game sexual content.
- Harm or violence against people or animals, or promotion of self-harm - including but not limited to the imagery of firearms.
- Cheating or promoting the use of unauthorized game modifications.
- Use of illegal drugs or controlled substances.
- Other illegal activities.

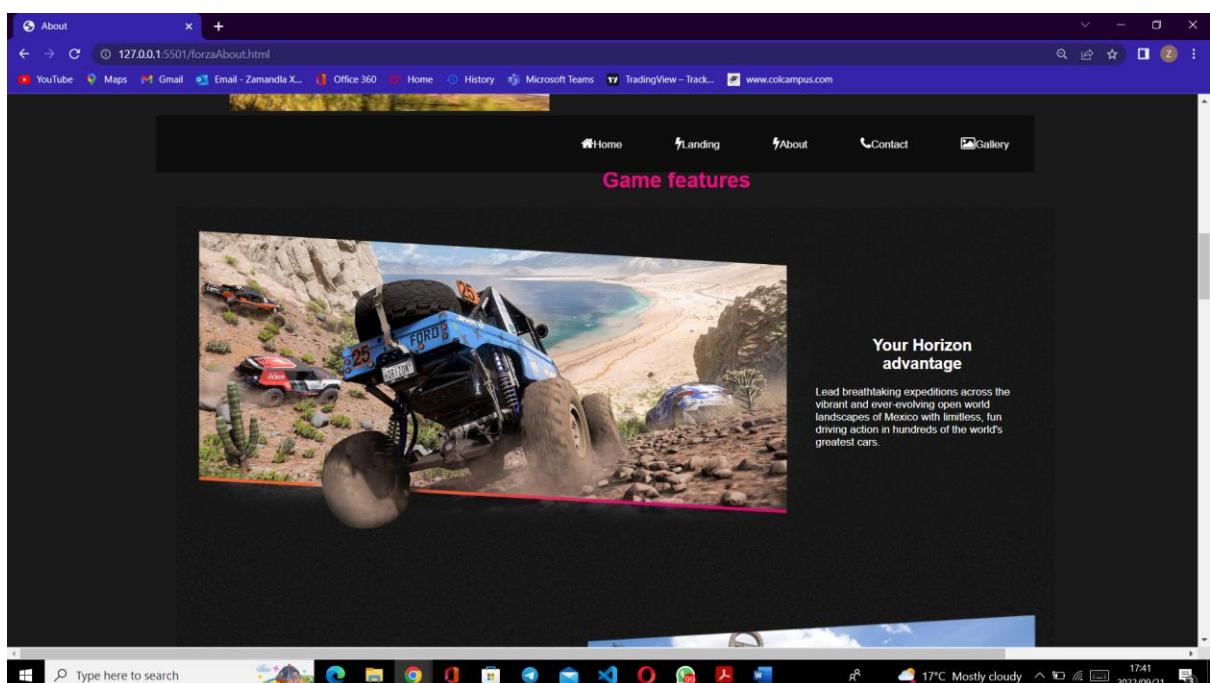
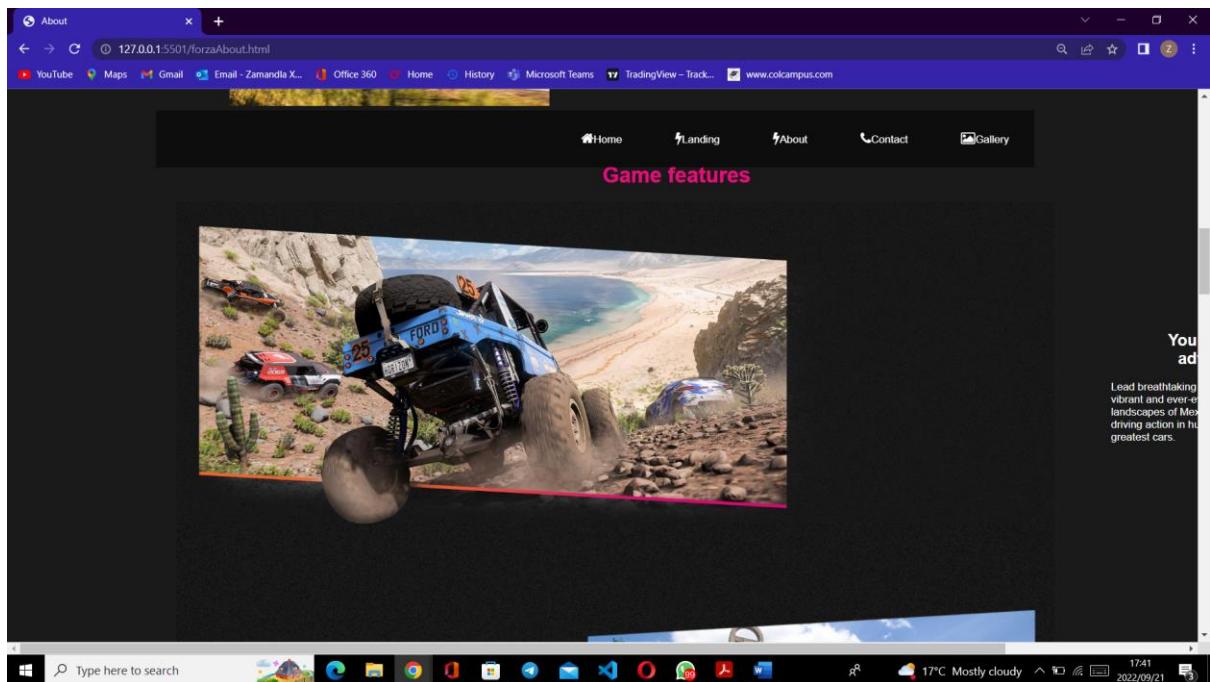
Type here to search

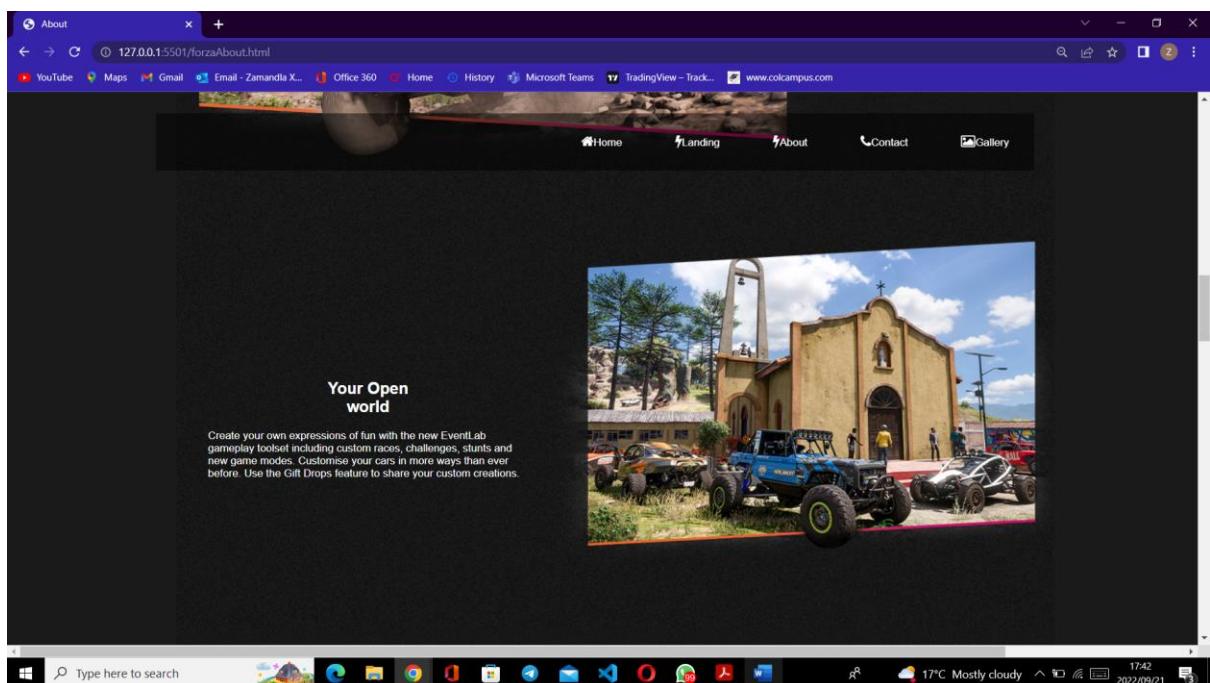
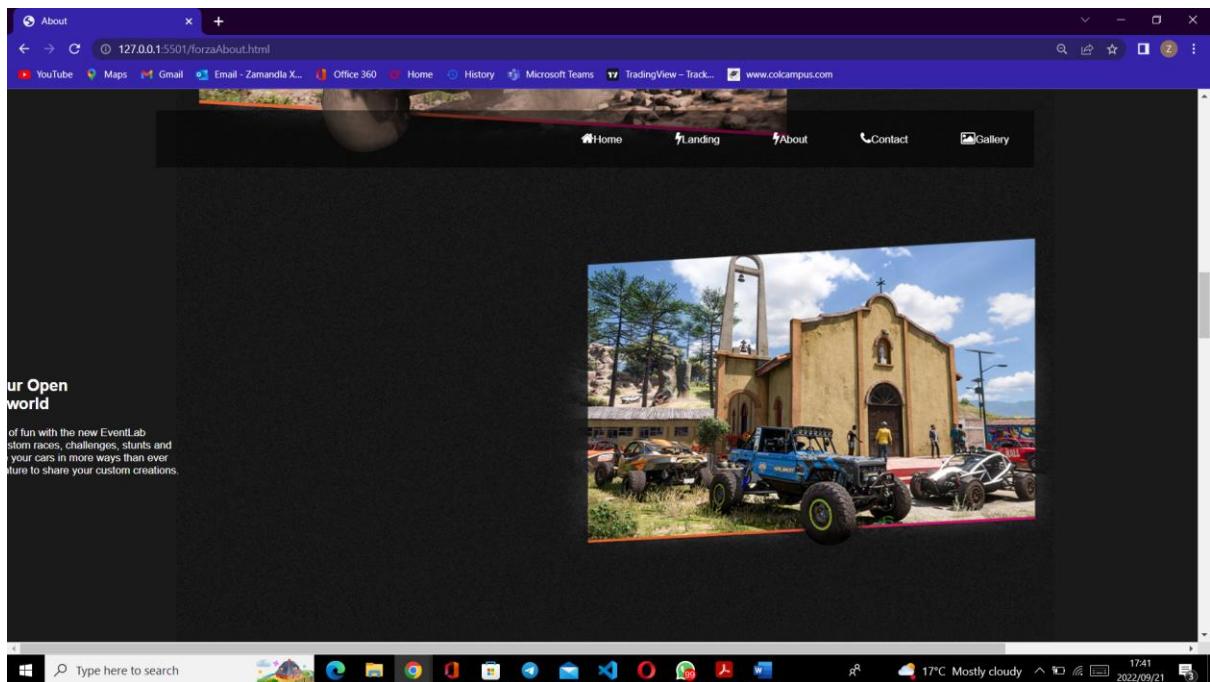
17°C Mostly cloudy 17:38 2022/09/21

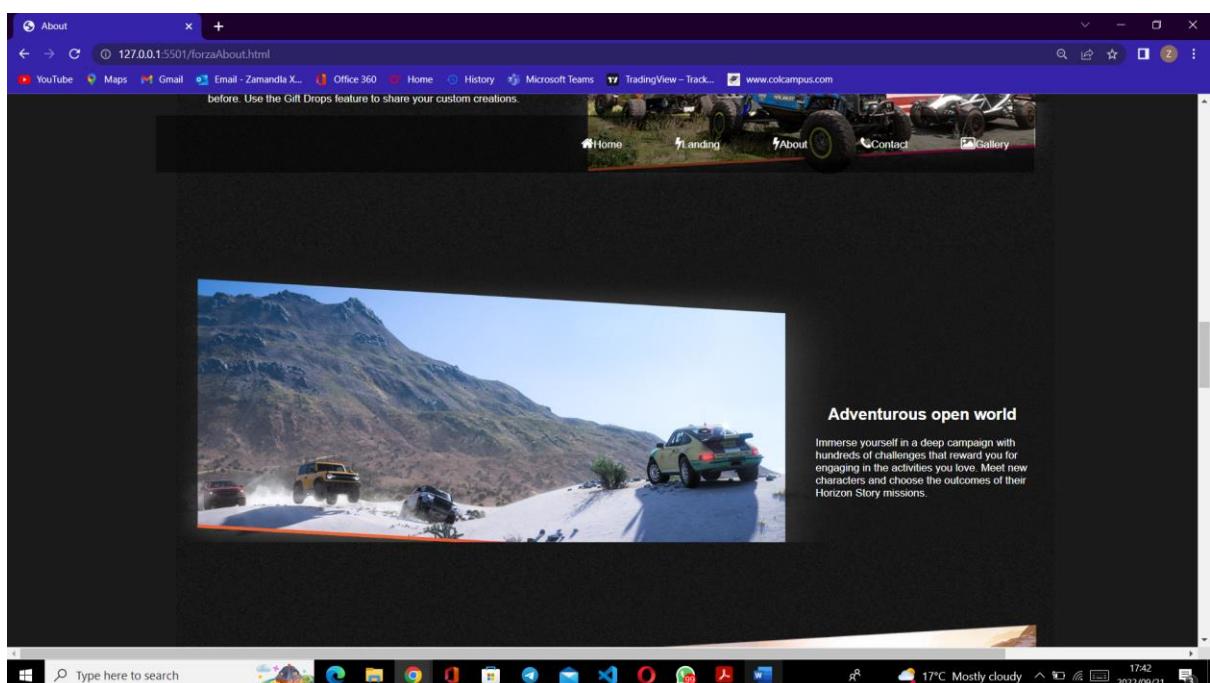
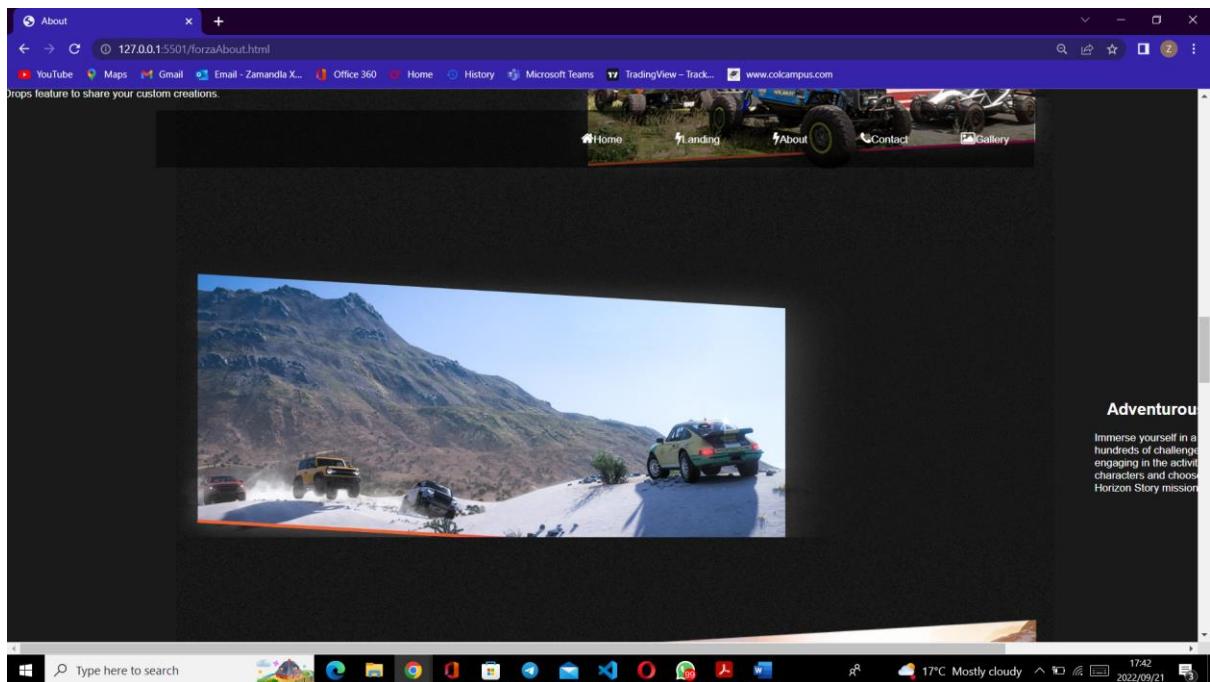


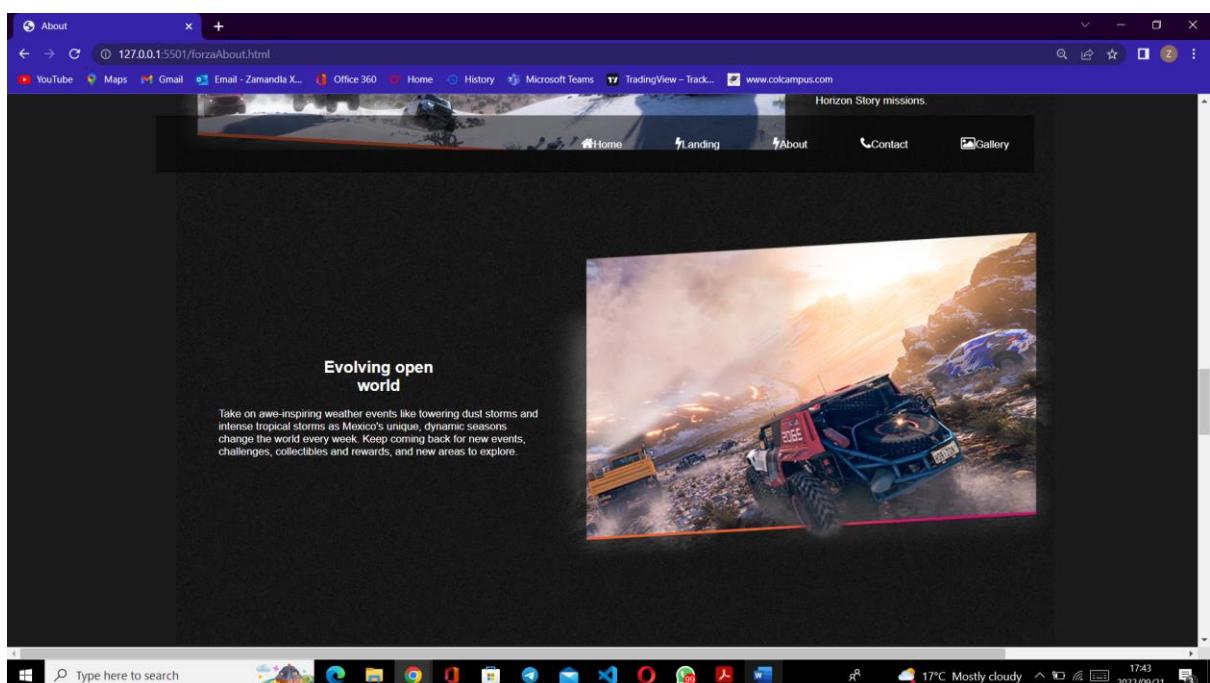
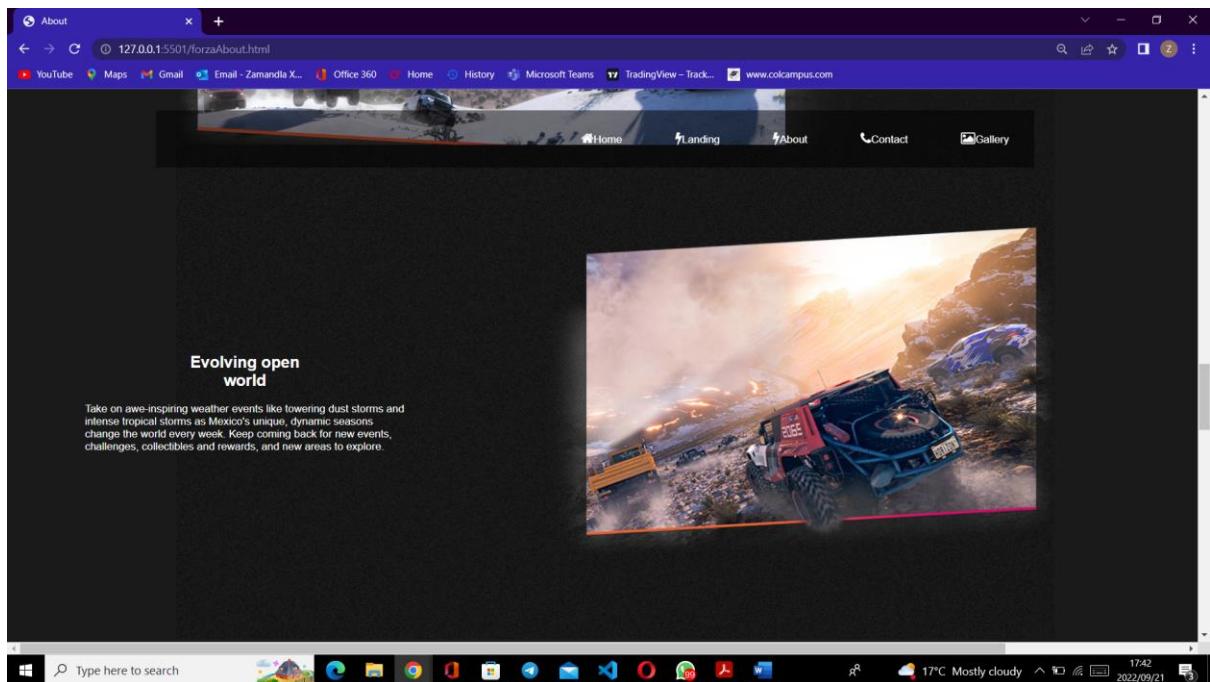
### Animation before and after:



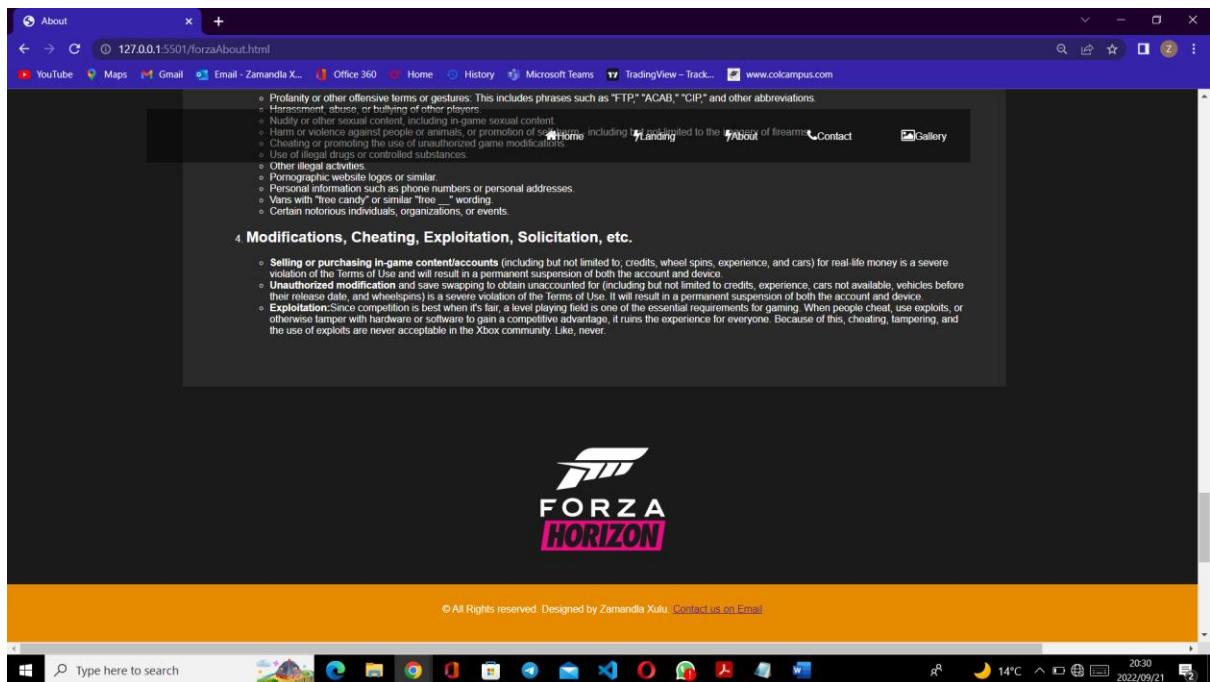








The Scalable Vector Graphics is the forza Logo



## Code for Gallery:

```

<!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">
    <link href="http://fonts.googleapis.com/css?family=Source+Sans+Pro:200,300,400,600,700,900|Varela+Round" rel="stylesheet" />
    <link rel="stylesheet" href="gamestyle.css" type="text/css">
    <link rel="stylesheet" href="fonts.css" type="text/css">
    <script src="forza.js"></script>

    <title>Gallery</title>

</head>
<body>
    <script src="forza.js"></script>

    <nav>
        <div id="menu" class="container">
            <ul>
                <li class="current_page_item"><a href="forzaHome.html" class="icon icon-home" accesskey="1">Home</a></li>
                <li><a href="LandingPage.html" class="icon icon-bolt" accesskey="3">Landing</a></li>
                <li><a href="forzaAbout.html" class="icon icon-bolt" accesskey="3">About</a></li>
            </ul>
        </div>
    </nav>

```

```
        <li><a href="forzaContact.html" class="icon icon-phone" accesskey="2">Contact</a></li>
            <li><a href="ForzaGallery.html" class="icon icon-picture" accesskey="2">Gallery</a></li>
        </ul>
    </div>
</nav>

<div id="fdisplay">
    
</div>
<div id="galleryfpage" class="container">
    <h1>Drive it like <span>You</span><span>stole it</span></h1>

    <div id="displayforza">
        <p> Explore Horizon</p>
    </div>
    <div class="slideshow-container">
        <h3 id="slide" >Forza slide Show</h3>
        <div class="mySlides fade">
            <div class="numbertext">1 / 8</div>
            
                <div class="text">London, England</div>
            </div>
            <div class="mySlides fade">
                <div class="numbertext">2 / 8</div>
                
                    <div class="text">Sunset in Romania</div>
                </div>
                <div class="mySlides fade">
                    <div class="numbertext">3 / 8</div>
                    
                        <div class="text">New York, USA</div>
                    </div>
                    <div class="mySlides fade">
                        <div class="numbertext">4 / 8</div>
                        
                            <div class="text">Dublin, Ireland</div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
```

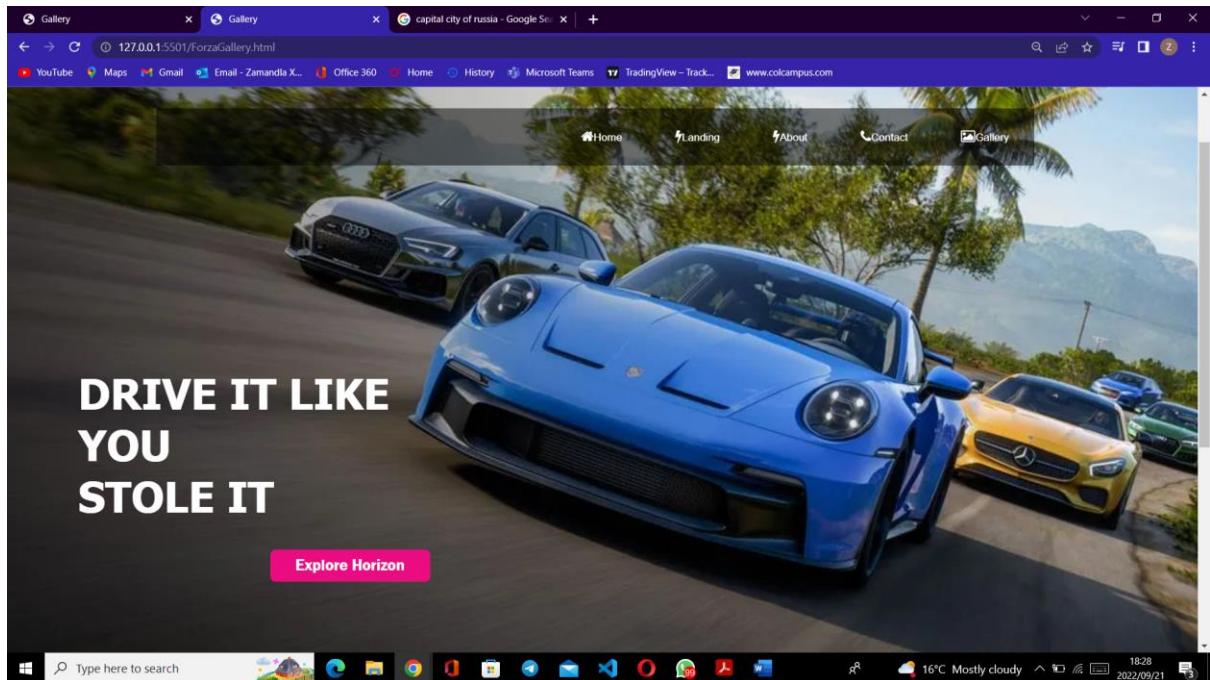
```

<div class="mySlides fade">
    <div class="numbertext">5 / 8</div>
    
        <div class="text">Mosco, Russia</div>
    </div>
<div class="mySlides fade">
    <div class="numbertext">6 / 8</div>
    
        <div class="text">Honolulu, Hawaii</div>
    </div>
<div class="mySlides fade">
    <div class="numbertext">7 / 8</div>
    
        <div class="text">Dubai, UAE</div>
    </div>
<div class="mySlides fade">
    <div class="numbertext">8 / 8</div>
    
        <div class="text">Anniversary</div>
    </div>
    <a class="prev" onclick="plusSlides(-1)">#10094;</a>
    <a class="next" onclick="plusSlides(1)">#10095;</a>
</div>
<br>
</div>
<div id="hvideo" class="container">
    <h1>Watch the Trailer here</h1>
    <hr width="150em">
    <iframe id="youtube1" frameborder="0" title="Player for Forza Horizon 5 - Official Launch Trailer" width="740" height="460"
src="https://www.youtube.com/embed/U3mEOHvSUyw?autoplay=0&controls=0&disablerkb=1&playsinline=1&cc_load_policy=0&cc_lang_pref=auto&widgeget_referrer=https%3A%2F%2Fforza.net%2Fhorizon&rel=0&showinfo=0&iv_load_policy=3&modestbranding=1&customControls=true&noCookie=false&enablejsapi=1&origin=https%3A%2F%2Fforza.net&widgetid=1"></iframe>
</div>
<div class="footer1">
    <p>
        © All Rights reserved. Designed by Zamandla Xulu.
        <a href="forzaContact.html"> Contact us on Email</a>
    </p>
</div>

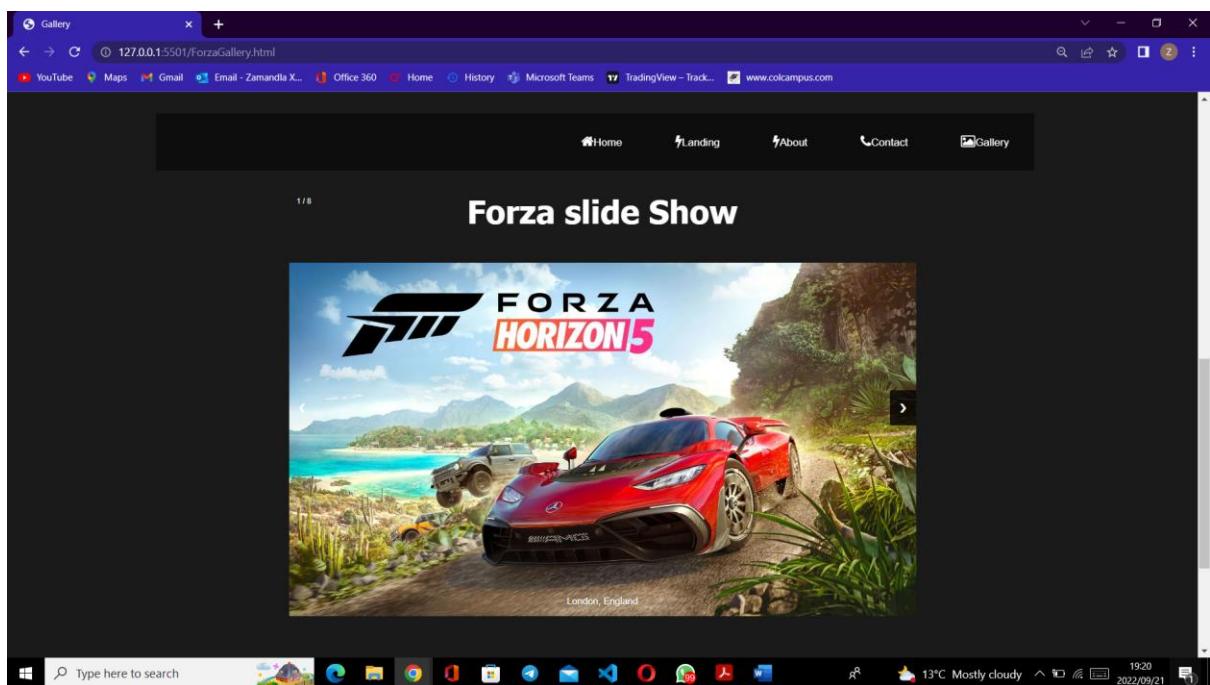
```

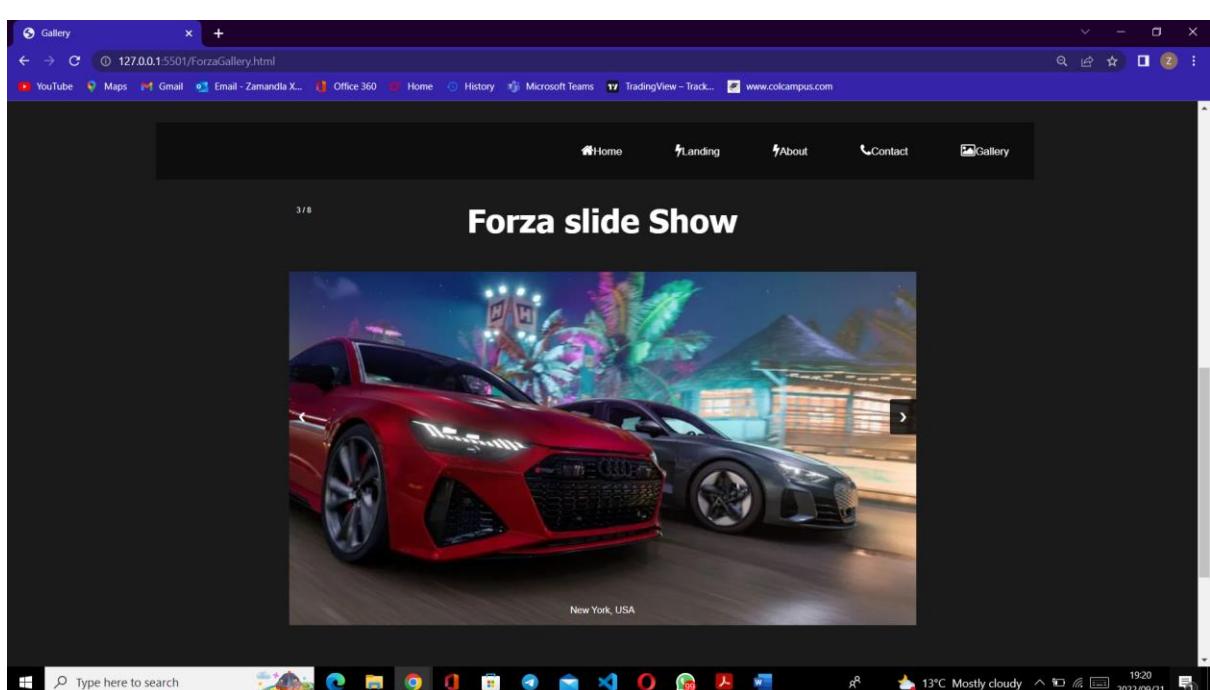
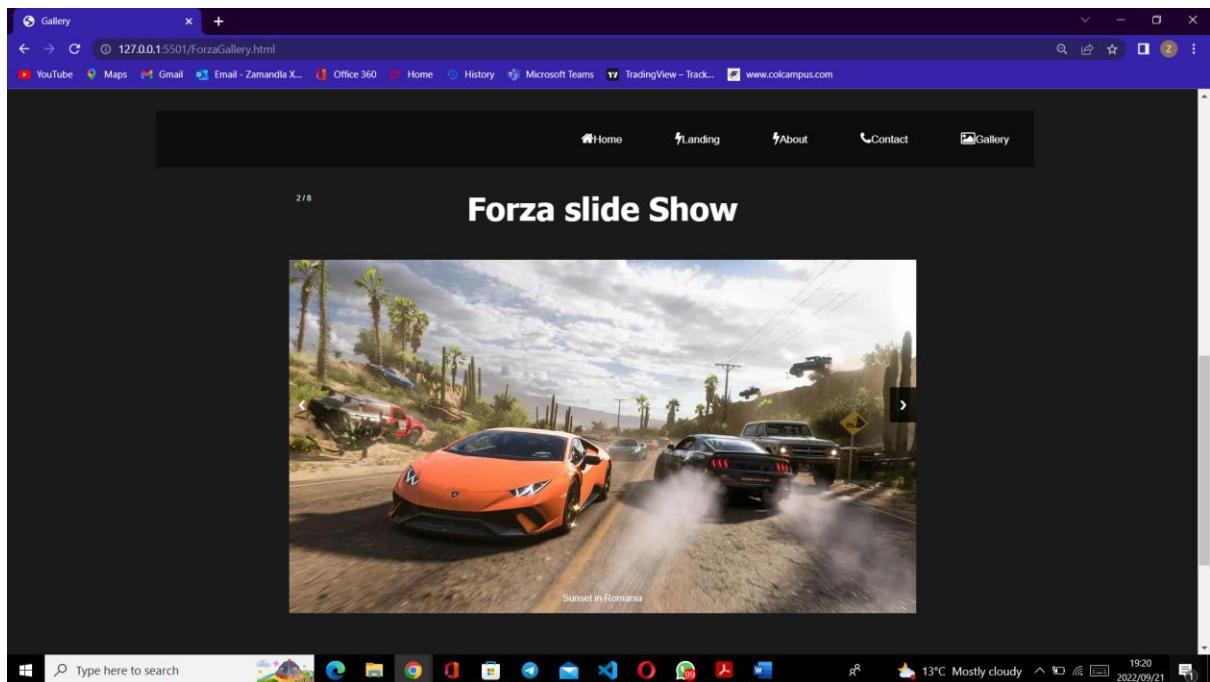
```
</body>  
</html>
```

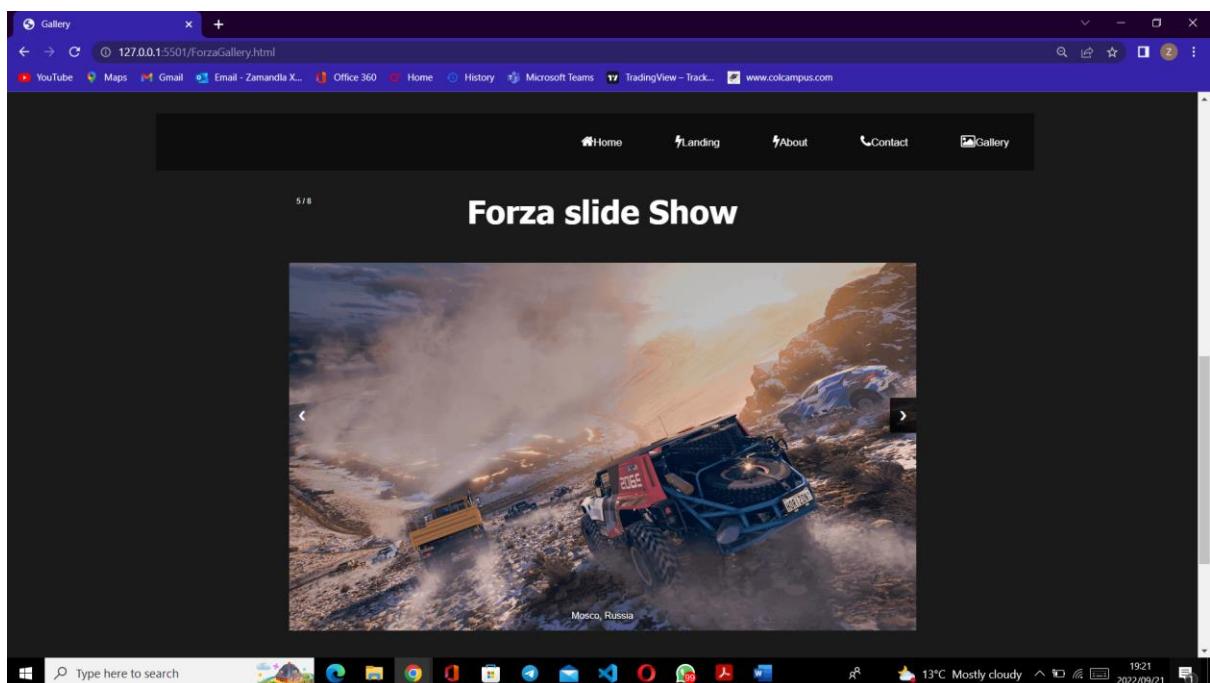
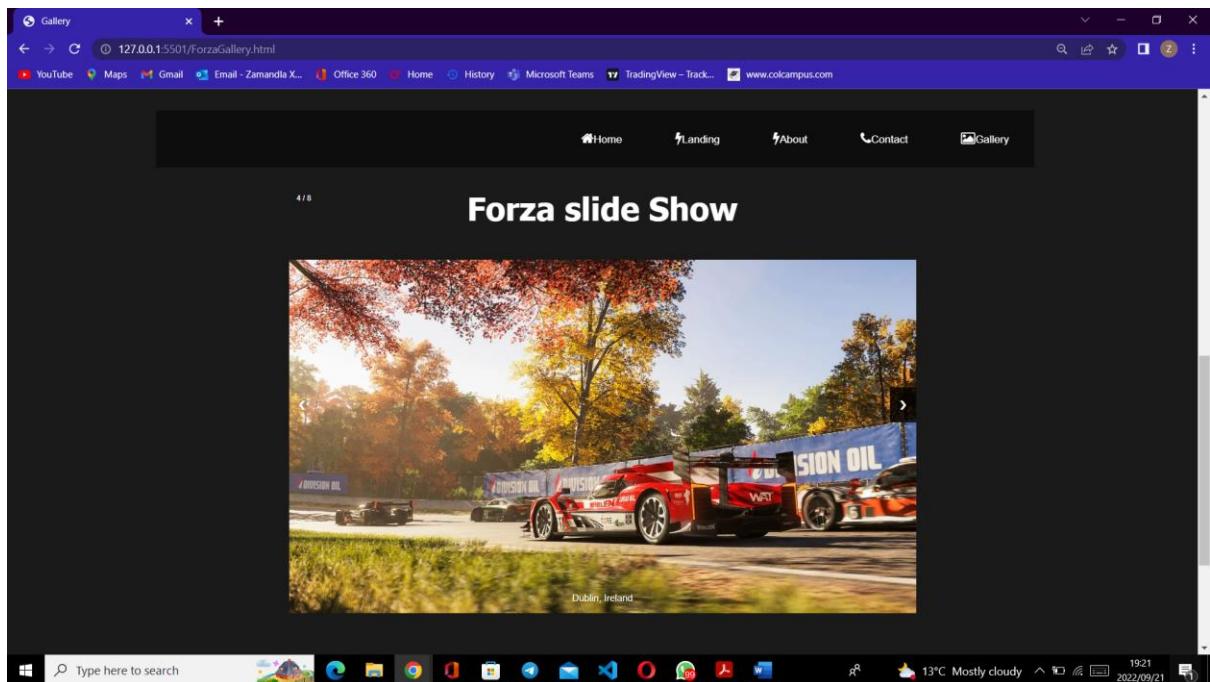
Output for Gallery:

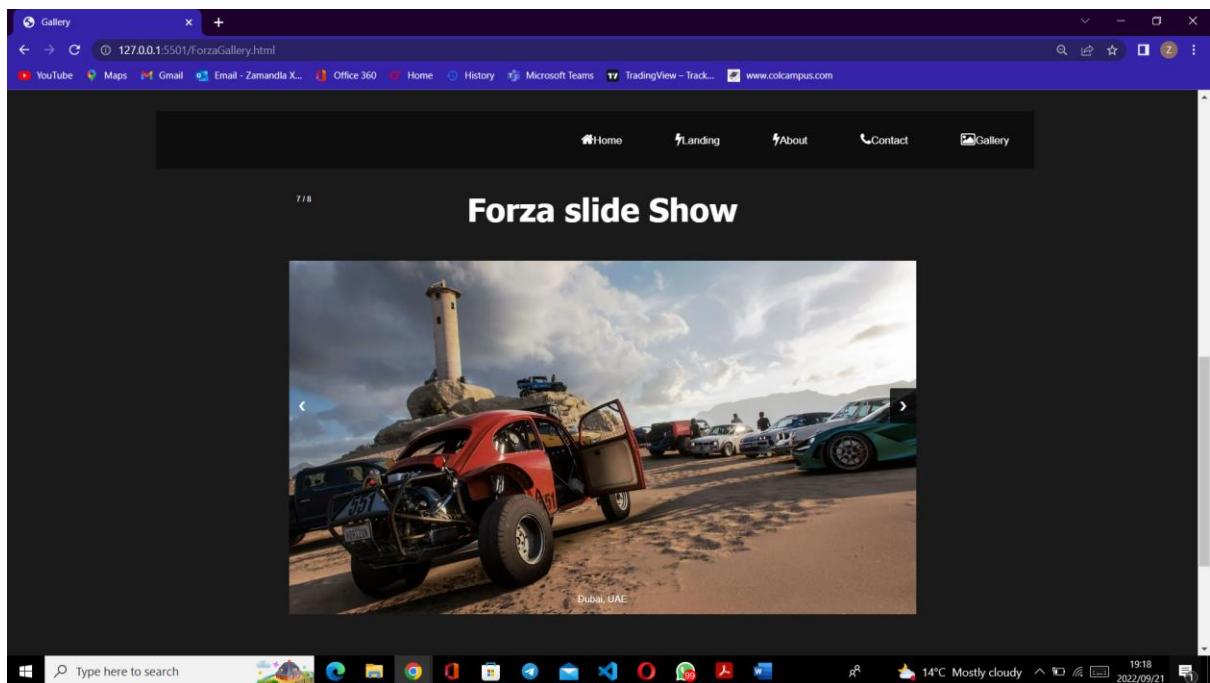
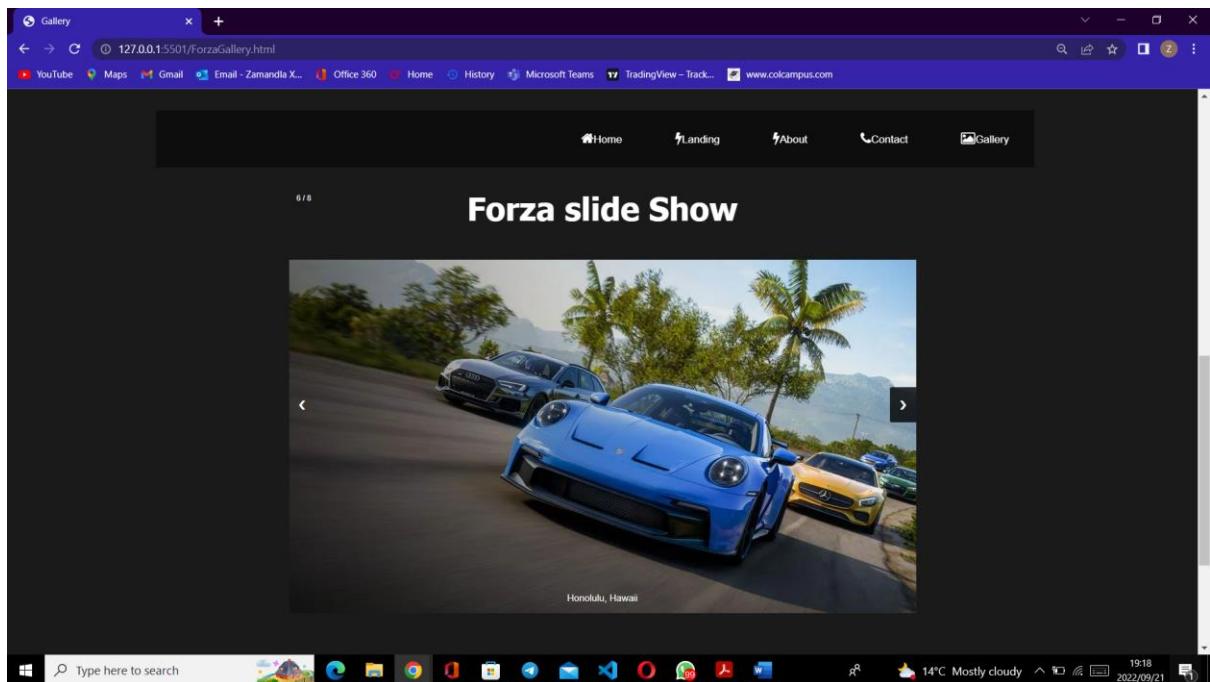


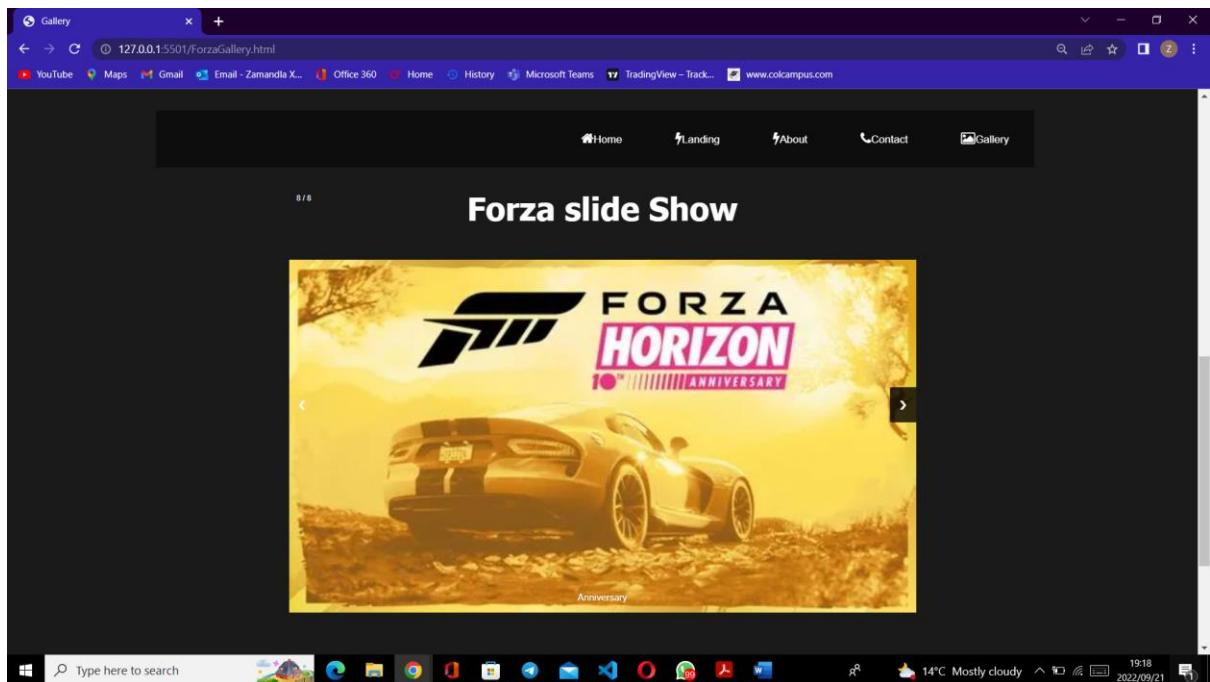
For the slide show, you have to click the arrow to see next and previous picture



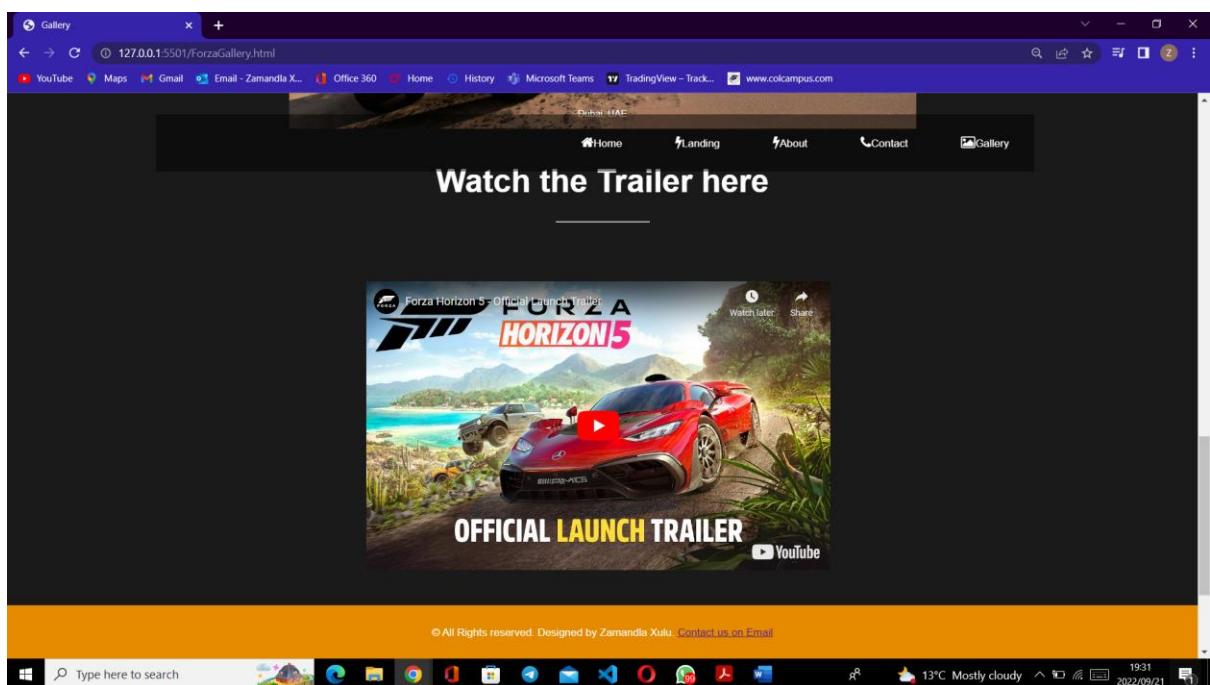








For the video



Code for Contact page:

```
<!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">
```

```

<link
  href="http://fonts.googleapis.com/css?family=Source+Sans+Pro:200,300,400,600,700,900|Varela+Round" rel="stylesheet" />
  <link rel="stylesheet" href="gamestyle.css" type="text/css">
  <link rel="stylesheet" href="fonts.css" type="text/css">
  <title>About</title>

</head>
<body id="background-contact">
  <script src="forza.js"></script>

  <nav>
    <div id="menu" class="container">
      <ul>
        <li class="current_page_item"><a href="forzaHome.html" class="icon icon-home" accesskey="1">Home</a></li>
        <li><a href="LandingPage.html" class="icon icon-bolt" accesskey="3">Landing</a></li>
        <li><a href="forzaAbout.html" class="icon icon-bolt" accesskey="3">About</a></li>
        <li><a href="forzaContact.html" class="icon icon-phone" accesskey="2">Contact</a></li>
        <li><a href="ForzaGallery.html" class="icon icon-picture" accesskey="2">Gallery</a></li>
      </ul>
    </div>
  </nav>
  <div id="contact-heading">
    <h1>Contact page</h1>
  </div>

  <div id="reviews" class="container">
    <div id="reviews1">
      <h2>Testimonials</h2>
      <hr>
      <h1>Our Customer Reviews</h1>
    </div>
    <div id="reviews2">
      <h4>Patricia Robert</h4>
      <ul>
        <li><a href="#" class="icon icon-star"><a href="#" class="icon icon-star"></a><a href="#" class="icon icon-star"></a><a href="#" class="icon icon-star"></a><span>3 weeeks ago</span></li>
      </ul>
      <p>It is one of the best games i have ever played, The cars are really fast. You can tune the cars the way you want.</p>
    </div>
  </div>

```

```

<div id="reviews3">
    <h4>Kevin Johnson</h4>
    <ul>
        <li><a href="#" class="icon icon-star"><a href="#" class="icon icon-star"></a><a href="#" class="icon icon-star"><a href="#" class="icon icon-star"><span>3 days ago</span></li>
    </ul>
    <p>If you are a patrol head then Forza is for you, drive the way you want with on one stopping you, you can race with other people across the globe. I get to play with my brother who now stays in a different country now</p>
</div>
<div id="reviews4">
    <h4>Dave Ronals</h4>
    <ul>
        <li><a href="#" class="icon icon-star"><a href="#" class="icon icon-star"><a href="#" class="icon icon-star"><span>1 weeks ago</span></li>
    </ul>
    <p>I have never played a better game then Forza, it is filled with only the best cars in the world. You can get the latest cars when you update. The only thing i didnt like is that you cant put BBS rims on certain cars which is really crap. But it is a good good overall</p>
</div>
<div id="v1"></div>

</div>

<div id="container" class="container">
    <header>
        <hgroup id="headerText">
            <h1>For anymore Information: </h1>
        </hgroup>
    </header>
    <div role="main">
        <div id="main-text">
            <p>Please write your information below:</p>
        </div>
        <table id="contacts">
            <thead>
                <tr>
                    <th>Email</th>
                    <th>Name</th>
                    <th></th>
                </tr>
            </thead>
            <tbody></tbody>
        </table>
    </div>
</div>

```

```

        </table>
    <div id="editContact">
        <h2 id="currentAction"></h2>
        <div>
            <label for="firstName">First Name:</label>
            <input type="text" id="firstName" >
        </div>
        <div>
            <label for="lastName">Last Name:</label>
            <input type="text" id="lastName" name="lastName" >
        </div>
        <div>
            <label for="email">Email Address:</label>
            <input type="email" id="email" name="email" >
        </div>
        <div>
            <label for="phoneNumber">Phone Number:</label>
            <input type="text" id="phoneNumber" name="phoneNumber" >
        </div>
        <div class="buttons">
            <button id="btnSave" name="save">Save</button>
        </div>
    </div>

    </div>
</div>

<div id="store" class="container">
    <h1>You can get the game at these store:</h1>
</div>

<div class="mapouter"><div class="gmap_canvas"><iframe class="gmap_iframe"
frameborder="0" scrolling="no" marginheight="0" marginwidth="0"></iframe>
<iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3580.516491757503!2d28.23572251468904!3d-26.17987178344868!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x1e9516ed70fc54c9%3A0x9819981c1409d1c4!2sBT%20Games%20East%20Point%20Mall!5e0!3m2!1sen!2sza!4v1663174278154!5m2!1sen!2sza" width="600" height="450" style="border:0;" allowfullscreen="" loading="lazy" referrerpolicy="no-referrer-when-downgrade"></iframe>
</div>
</div>

<div id="svg">

```

```

<svg xmlns="http://www.w3.org/2000/svg" width="112" height="112" viewBox="0 0
93.91 77.1"><title>Forza Horizon logo</title><path
d="M504,466.4a13.39,13.39,0,0,0-8.13,3.11,22.54,22.54,0,0,0-4,4.521-
1.05,1.59h42.09a13.16,13.16,0,0,0,6.07-1.56,19.18,19.18,0,0,0,6.54-6.231.95-
1.42H504Zm477.66,477.51-.29.2c0,.11.08.19.29.22L502.84,482,496.9,491l9.11-
1.39,8-12.08Zm37.08,0,0,.05,0,0c.41.19,1.09.82-.2,2.75l-5.89,8.84,9.09-
1.39,6.83-10.28Zm10.54,0,0,.05,0,0c.41.19,1.08.82-.21,2.75l-4.65,7,0,0,6.13-
.94a5.82,5.82,0,0,1.74-.57,11.44,11.44,0,0,0,3.92-3.94l2.94-4.42Zm-
37.57,3.92-11,16.56,14.65-2.24,8.16-12.27Zm488.91,504c-3.62.12-7.48,2.31-
7.48,7.12a6.14,6.14,0,0,1.38,4.16c.53.68,2.12,2.73,6.32,2.73,5.06,0,7.76-
3.15,7.76-7,0-4.31-3.42-7-7.57-7Zm60.34.87L543.06,518h3.21l-
2.22h7.18l1,2.22h3.25l-6.23-13.1Zm-46,0V518h2.9v-
4.76h4.22l3.38,4.76h3.49L513.67,513a3.64,3.64,0,0,0,2-1.22,4.07,4.07,0,0,0,1-
2.52c0-.15,0-.32,0-.53a4.07,4.07,0,0,0-1-2.52c-1.09-1.26-2.44-1.39-3.93-
1.39Zm20.46,0v2.56h8.21l-8.86,8.21V518h13.16v-2.56h-8.92l8.92-8.27v-
2.26Zm465.1,505v13.1h2.71V513.3h473l1.3-2.53h-6.53v-3.21h476l1.33-
2.57Zm23.9,1.61h.25c2.61,0,4.76,1.73,4.76,4.43,0,2.4-1.69,4.38-
4.88,4.38a4.55,4.55,0,0,1-4-1.72,3.89,3.89,0,0,1-.86-
2.62C484.3,508,486.72,506.67,489,506.59Zm17.15.85h5.08c1.29,0,1.83.33,2.08.64a
2,2,0,0,1,.33,1v.18a1.37,1.37,0,0,1-.06.310,.06a1.47,1.47,0,0,1-
1,.89,5.41,5.41,0,0,1-1.19.14h-5.18Zm44.73.68,2.44,5.06h-4.82Z"
style="fill:#fff" transform="translate(-465.1 -466.4)"/><path
d="M559,521H468.62l-3.38,22.54h90.25Zm-67.51,2.18c4.78,0,5.9,4.76,5.22,9s-
3.3,9-8.08,9-5.9-4.76-5.23-
95486.71,523.14,491.5,523.14Zm43.61,0c4.78,0,5.9,4.76,5.22,9s-3.3,9-8.08,9-
5.9-4.77-5.23-9530.32,523.14,535.1,523.14Zm-62.52.3h4.72l-1,6.24h2.24l1-
6.24h4.72l-2.76,17.42h-4.72l1.12-7.07h-2.24l-1.12,7.07h-
4.72Zm26,0h4.55c4.09,0,6.86,1.2,6.13,5.8a5.34,5.34,0,0,1-3.4,4.36l2.37,7.26h-
5.11l-1.46-7.26-.05,0c-.11.85-.2,1.71-.34,2.57l-.74,4.64h-4.71Zm12.92,0h4.72l-
2.76,17.42h-4.72Zm6.12,0h11.53l-7,11.92c-.32.55-.67,1.07-1,1.6.87-.07,1.76-
.21,2.66-.21h2.68l-.65,4.11h-12l6.52-11.07a23.9,23.9,0,0,1,1.72-2.38c-.93,0-
2,.14-3,.14H517Zm24.57,0h4.49l2.1,10.49.05,0c.13-2,.1-4,.42-6l.7-4.44h4.53l-
2.76,17.42h-4.53l-1.92-10.05-.05,0c-.15,1.64-.2,3.26-.46,4.91-.81,5.11h-
4.53Zm503,527.18h-.24l-.68,4.3.3,0a2.45,2.45,0,0,0,2.27-
2.22C504.87,527.86,504.16,527.2,503,527.18Zm-12.2.35c-1.78,0-2.41,3.54-
2.58,4.62s-.66,4.62,1.12,4.62,2.41-3.53,2.58-
4.62S492.58,527.53,490.8,527.53Zm43.61,0c-1.78,0-2.41,3.53-2.58,4.62s-
.67,4.62,1.12,4.62,2.41-3.54,2.58-4.62S536.19,527.53,534.41,527.53Z"
transform="translate(-465.1 -466.4)" style="fill:#ea0c80"/></svg>
</div>

<h1>Game Ratings</h1>

<table>
<thead>
  <tr>
    <th tabindex="150">ID</th>
    <th tabindex="151">Game Name</th>

```

```

<th tabindex="152">Game Type</th>
<th tabindex="153">Rating</th>
</tr>
</thead>
<tbody>
</tbody>
</table>
<div class="game_button">
    <a onclick="addData()">Add a game</a>
    <a onclick="removeData()">Remove a game</a>
</div>
<script >
    // create an instance of a db object for us to store the IndexedDB
data in
    var db;

    var activeIndex;

    var contacts = [
        { id: 1,gName: 'GTA 5', gType: 'Action-adventure', rating: '4 Stars'},
        { id: 2,gName: 'Rust', gType: 'Survival', rating: '4.5 Stars'},
        { id: 3,gName: 'Warframe', gType: 'Action role-playing', rating: '3.5 Stars'},
        { id: 4,gName: 'Call of Duty', gType: 'first-person shooter video game franchise', rating: '4 Stars'},
        { id: 5,gName: 'Tom Clancys Rainbow Six Siege', gType: 'first-person shooter game', rating: '4 Stars'},
        { id: 6,gName: 'Counter-Strike: Global Offensive', gType: 'First-person shooter', rating: '4 Stars'},
        { id: 7,gName: 'Ark: Survival Evolved', gType: 'action-adventure survival game', rating: '4 Stars'},
        { id: 8,gName: 'My summer car', gType: 'Vehicle simulation game', rating: '4.5 Stars'},
        { id: 9,gName: 'Farming simulator 22', gType: 'Simulation', rating: '4 Stars'},
        { id: 10,gName: 'car mechanic simulator 2021', gType: 'highly realistic simulation game', rating: '5 Stars'},
    ];

    // all the variables we need for the app

    var tableEntry = document.querySelector('tbody');

    window.onload = function() {

```

```
// In the following line, you should include the prefixes of
implementations you want to test.
    window.indexedDB = window.indexedDB || window.mozIndexedDB || 
window.webkitIndexedDB || window.msIndexedDB;
        // DON'T use "var indexedDB = ..." if you're not in a
function.
        // Moreover, you may need references to some window.IDB*
objects:
    window.IDBTransaction = window.IDBTransaction || 
window.webkitIDBTransaction || window.msIDBTransaction;
    window.IDBKeyRange = window.IDBKeyRange || 
window.webkitIDBKeyRange || window.msIDBKeyRange;
        // (Mozilla has never prefixed these objects, so we don't need
window.mozIDB*)

        var DBOpenRequest = window.indexedDB.open('contactsList', 1);

        DBOpenRequest.onsuccess = function(event) {
            db = DBOpenRequest.result;
            populateData();
            console.log("Successfully connected.");
};

        DBOpenRequest.onupgradeneeded = function(event) {
            var db = event.target.result;

            db.onerror = function(event) {
                console.log('Error loading database.');
            };

            var objectStore = db.createObjectStore('contactsList', {
keyPath: 'id' });
            objectStore.createIndex('gName', 'gName', { unique: false
});
            objectStore.createIndex('gType', 'gType', { unique: false
});
            objectStore.createIndex('rating', 'rating', { unique:
false });
};

        function populateData() {
            var transaction = db.transaction(['contactsList'],
'readwrite');
            var objectStore = transaction.objectStore('contactsList');
            for(i = 0; i < contacts.length ; i++) {
                var request = objectStore.put(contacts[i]);
            };
};
```

```

        transaction.oncomplete = function() {
            displayDataByKey();
        };
    };

    var thControls = document.querySelectorAll('th');
    for(i = 0; i < thControls.length; i++) {
        var activeThead = thControls[i];
        activeThead.onclick = function(e) {
            activeIndex = e.target.innerHTML;
            if(activeIndex == 'ID') {
                displayDataByKey();
            } else {
                if(activeIndex == "Game Name") {
                    displayDataByIndex('gName');
                } else if(activeIndex == "Game Type") {
                    displayDataByIndex('gType');
                } else if(activeIndex == "Rating") {
                    displayDataByIndex('rating');
                }
            }
        }
    }
}

function displayDataByKey() {
    tableEntry.innerHTML = '';
    var transaction = db.transaction(['contactsList'],
    'readonly');
    var objectStore = transaction.objectStore('contactsList');

    objectStore.openCursor().onsuccess = function(event) {
        var cursor = event.target.result;
        if(cursor) {
            var tableRow = document.createElement('tr');
            tableRow.innerHTML = '<td>' + cursor.value.id +
'</td>' +
                    + '<td>' + cursor.value.gName +
'</td>' +
                    + '<td>' + cursor.value.gType +
'</td>' +
                    + '<td>' + cursor.value.rating +
'</td>';
            tableEntry.appendChild(tableRow);

            cursor.continue();
        } else {
            console.log('Entries all displayed.');
        }
    }
}

```

```
        };
    };

    function displayDataByIndex(activeIndex) {
        tableEntry.innerHTML = '';
        var transaction = db.transaction(['contactsList'],
'readonly');
        var objectStore = transaction.objectStore('contactsList');

        var myIndex = objectStore.index(activeIndex);

        console.log(myIndex.name);
        console.log(myIndex.objectStore);
        console.log(myIndex.keyPath);
        console.log(myIndex.multiEntry);
        console.log(myIndex.unique);

        var countRequest = myIndex.count();
        countRequest.onsuccess = function() {
            console.log(countRequest.result);
        }

        if(activeIndex == 'gType') {
            var getRequest = myIndex.get('Mr');
            getRequest.onsuccess = function() {
                console.log(getRequest.result);
            }
        }

        if(activeIndex == 'gName') {
            var getKeyRequest = myIndex.getKey('Bungle');
            getKeyRequest.onsuccess = function() {
                console.log(getKeyRequest.result);
            }
        }

        myIndex.openCursor().onsuccess = function(event) {
            var cursor = event.target.result;
            if(cursor) {
                var tableRow = document.createElement('tr');
                tableRow.innerHTML = '<td>' + cursor.value.id +
'</td>' +
                    + '<td>' + cursor.value.gName +
'</td>' +
                    + '<td>' + cursor.value.gType +
'</td>'
```

```

        + '<td>' + cursor.value.rating +
'</td>'

        tableEntry.appendChild(tableRow);

        cursor.continue();
    } else {
        console.log('Entries all displayed.');
    }
};

};

function displayDataByKey1() {
    tableEntry.innerHTML = '';
    var transaction = db.transaction(['contactsList'],
'readonly');

    var objectStore = transaction.objectStore('contactsList');

    objectStore.openCursor().onsuccess = function(event) {
        var cursor = event.target.result;
        if(cursor) {
            var tableRow = document.createElement('tr');
            tableRow.innerHTML = '<td>' + cursor.value.id +
'</td>'
                                + '<td>' + cursor.value.gName +
'</td>'

                                + '<td>' + cursor.value.gType +
'</td>'

                                + '<td>' + cursor.value.rating +
'</td>'

            tableEntry.appendChild(tableRow);

            cursor.continue();
        } else {
            console.log('Entries all displayed.');
        }
    };
};

function removeData() {
    let transaction = db.transaction("contactsList",
"readwrite");

    // get an object store to operate on it
    let contactsList =
transaction.objectStore("contactsList");

```

```
var itemID = +prompt("Item ID:");

let request = contactsList.getKey(itemID);

request.onsuccess = function() {
let id = request.result;
let deleteRequest = contactsList.delete(id);
displayDataByKey1();
console.log("Item removed successfully.");
};

};

function addData() {

let id = +prompt("ID?");
let gName = prompt("Game Name?");
let gType = prompt("Game Type?");
let rating = prompt("Game Rating?");

let transaction = db.transaction('contactsList', 'readwrite');

let contactList = transaction.objectStore('contactsList');

let addgame = {
id:id,
gName: gName,
gType: gType,
rating :rating};

let request = contactList.add(addgame);

request.onsuccess = function() {
console.log("Game added to the store", request.result);
displayDataByKey1();
};

request.onerror = function() {
console.log("Error", request.error);
displayDataByKey1();
};

};

window.addEventListener('unhandledrejection', event => {
alert("Error: " + event.reason.message);
});</script>
```

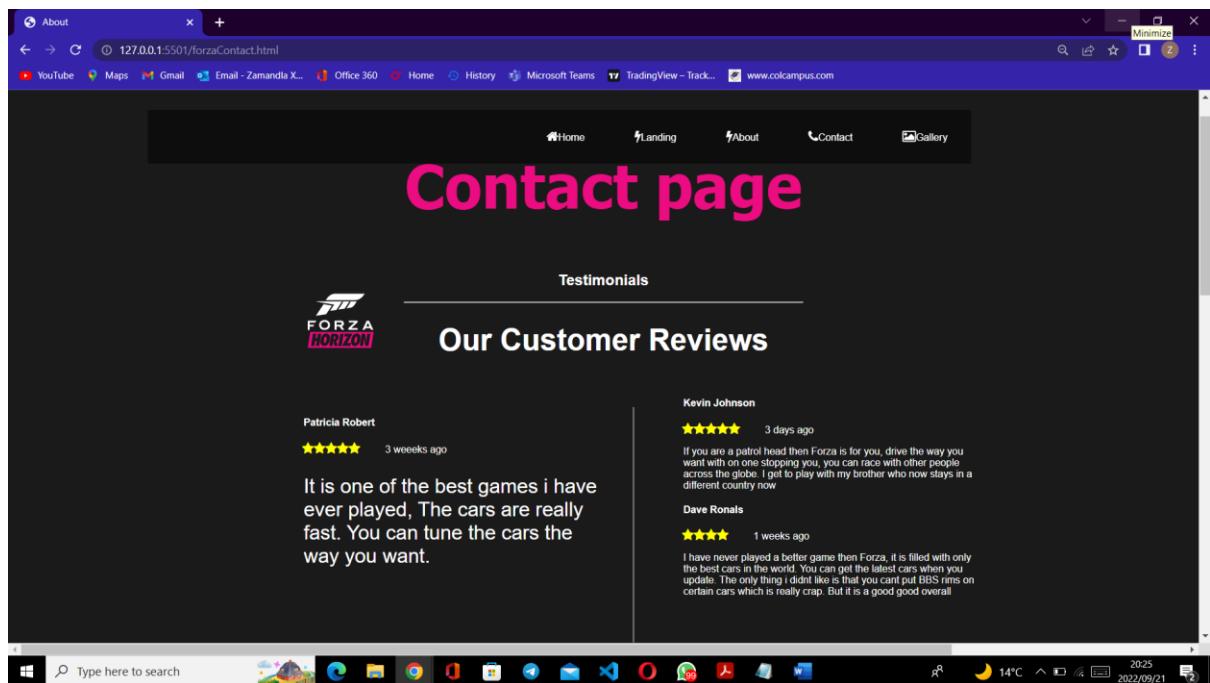
```

<div class="footer">
    <p>
        © All Rights reserved. Designed by Zamandla Xulu.
        <a href="forzaContact.html"> Contact us on Email</a>
    </p>
</div>

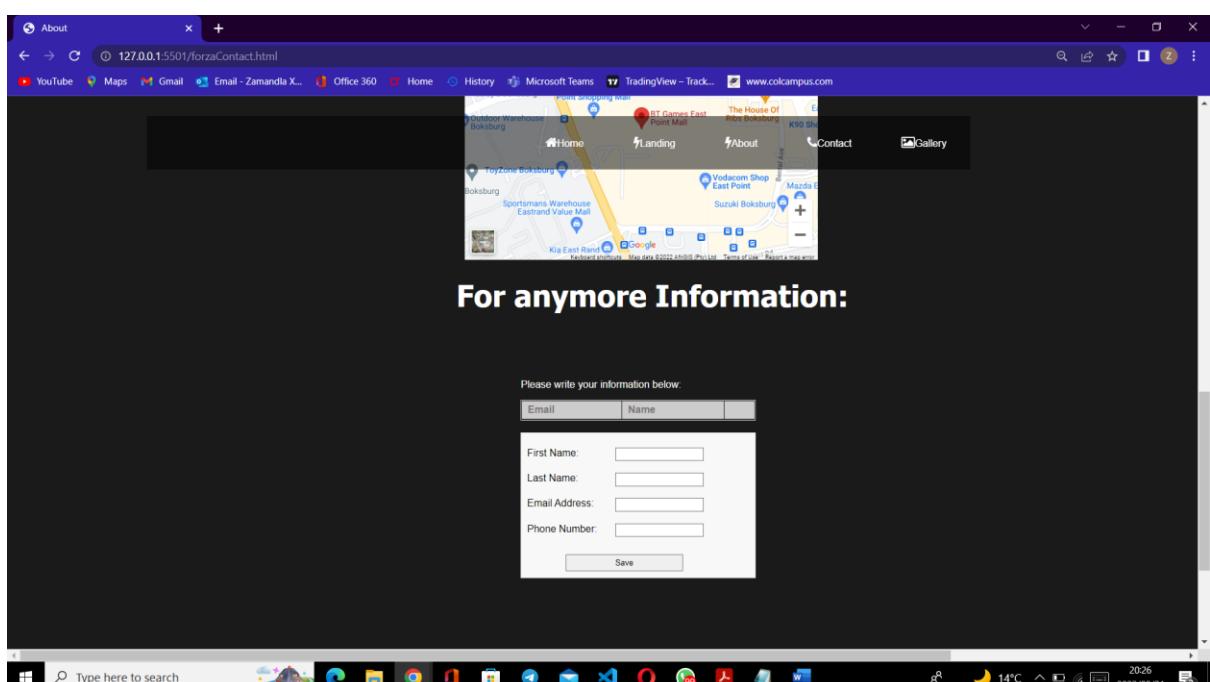
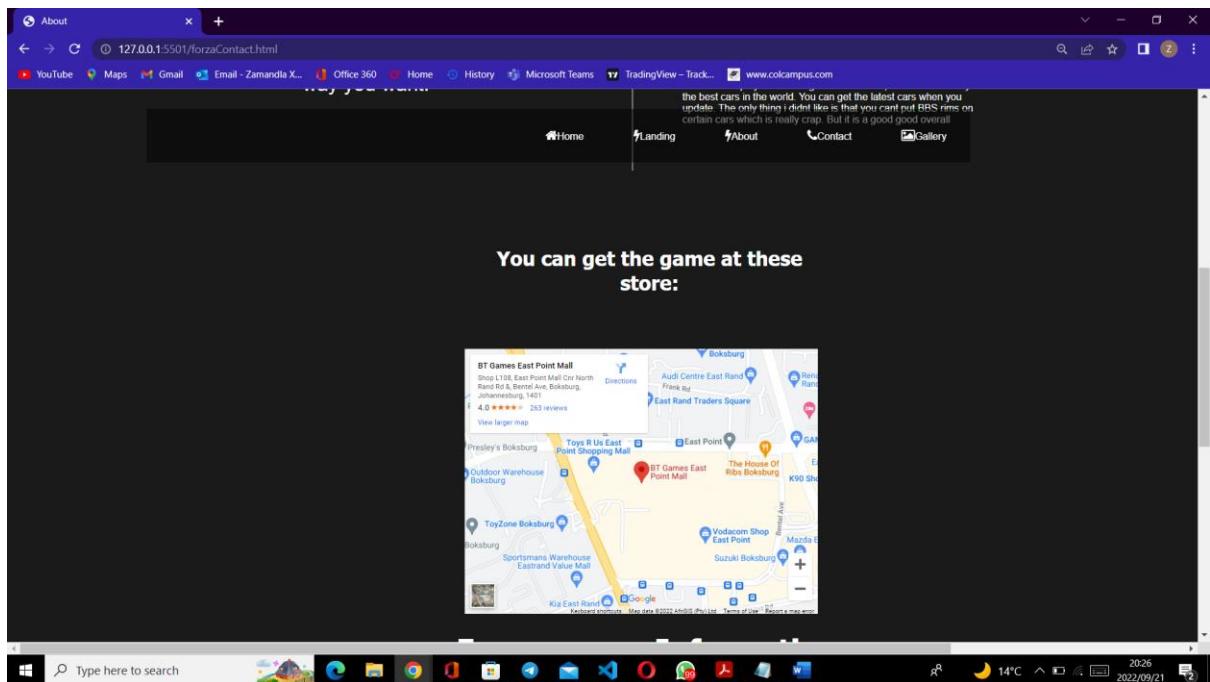
</body>
</html>

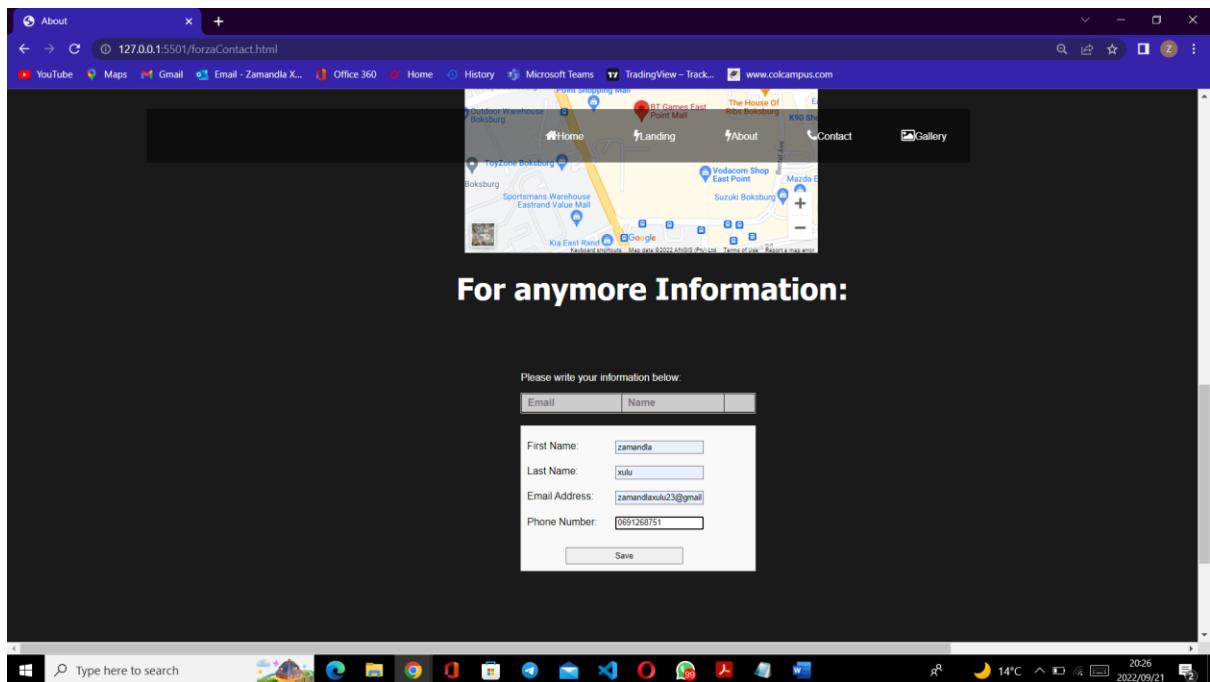
```

Output for contact page:



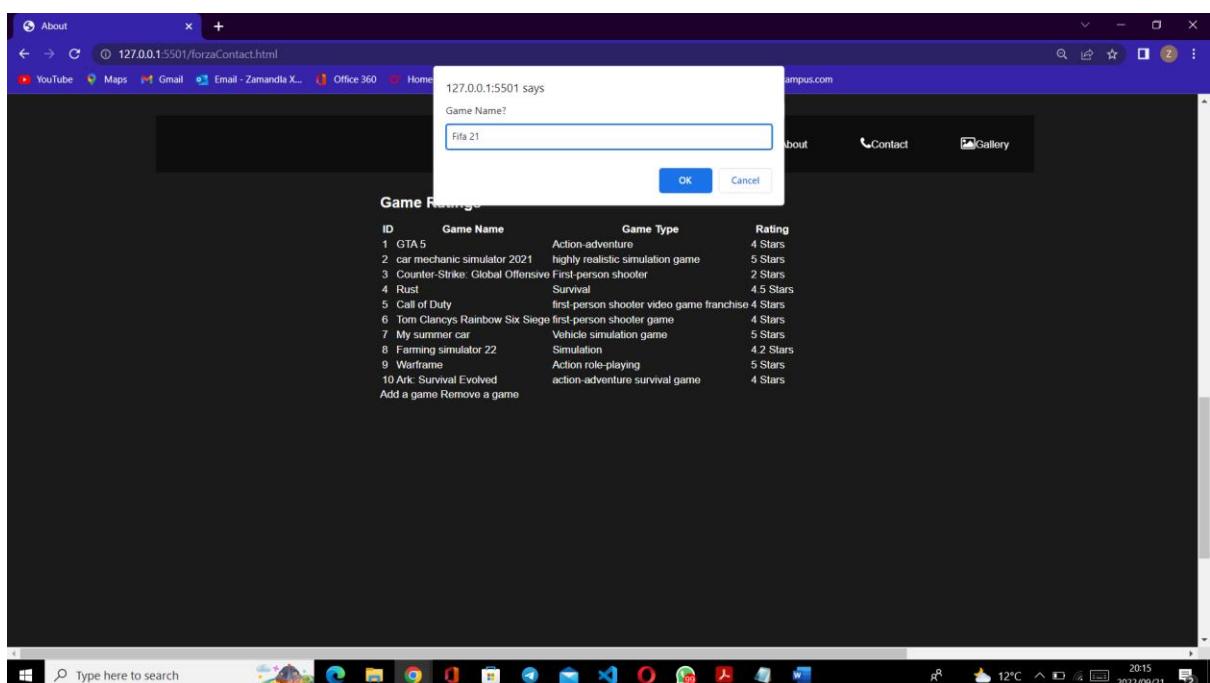
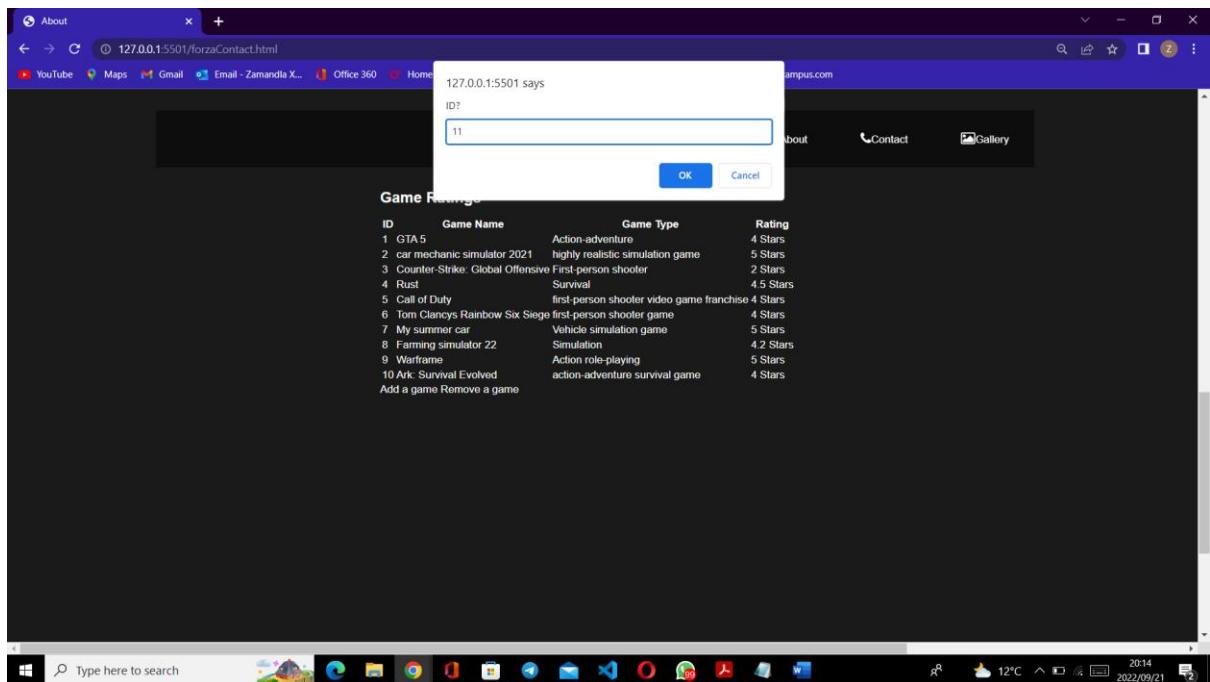
For the map

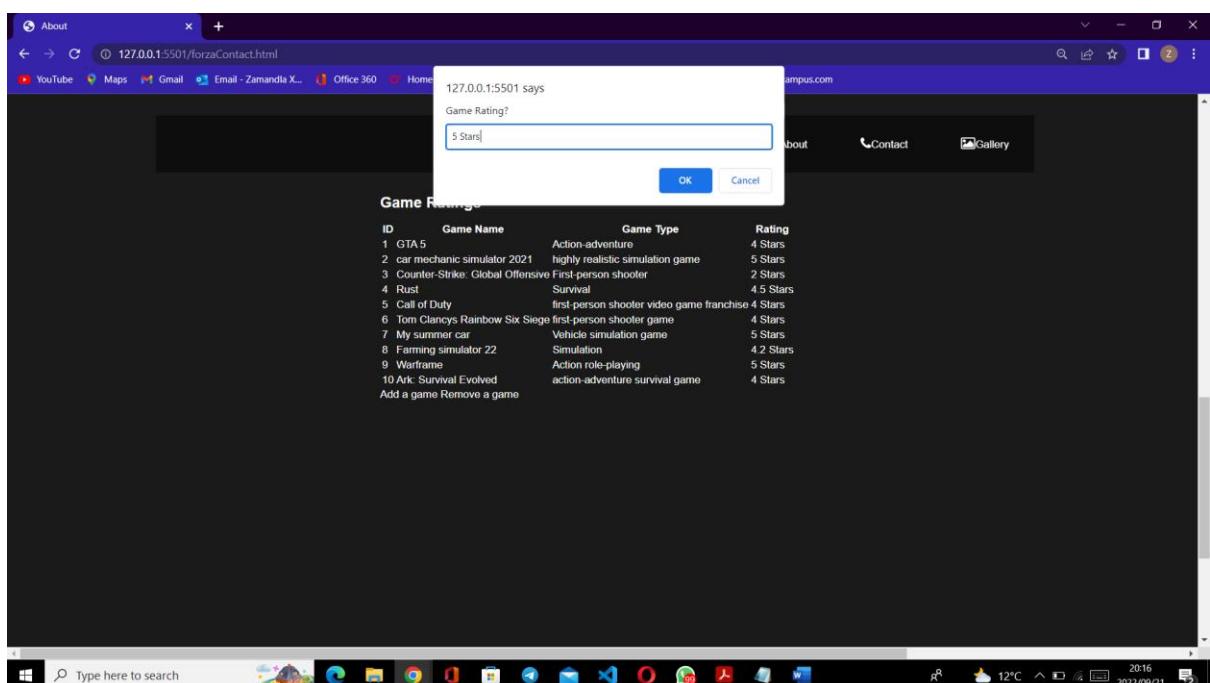
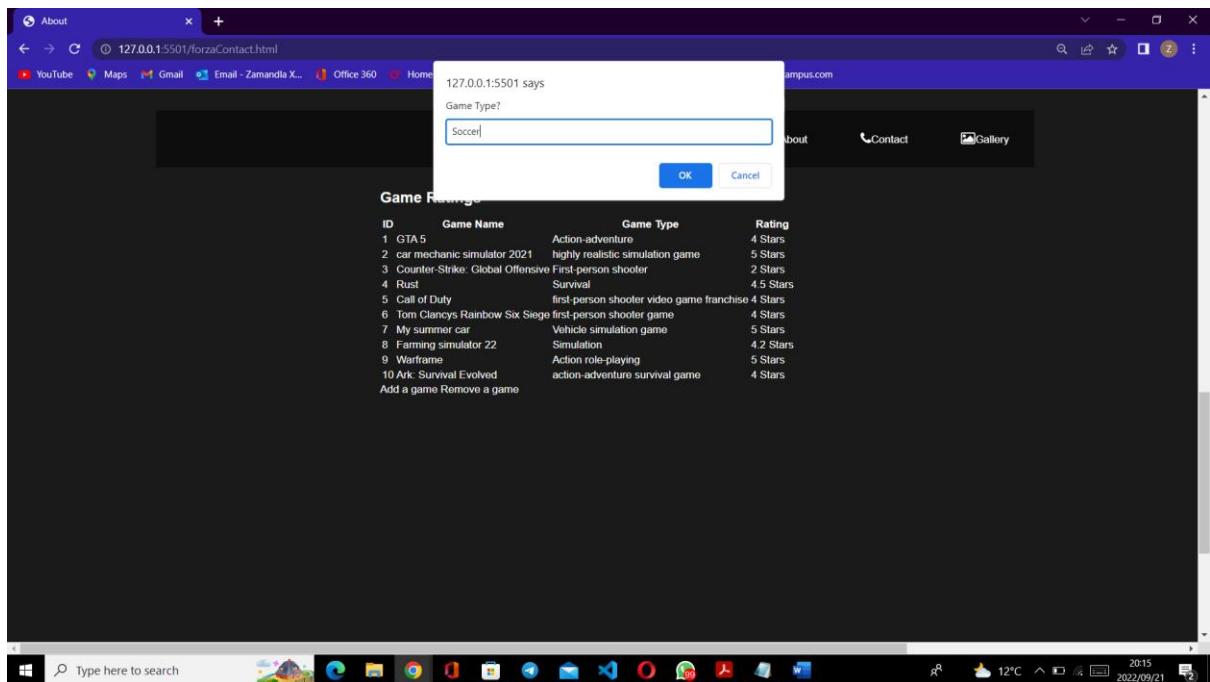




For the indexed database:

ID	Game Name	Game Type	Rating
1	GTA 5	Action-adventure	4 Stars
2	car mechanic simulator 2021	highly realistic simulation game	5 Stars
3	Counter-Strike: Global Offensive	First-person shooter	2 Stars
4	Rust	Survival	4.5 Stars
5	Call of Duty	first-person shooter video game franchise	4 Stars
6	Tom Clancys Rainbow Six Siege	first-person shooter game	4 Stars
7	My summer car	Vehicle simulation game	5 Stars
8	Farming simulator 22	Simulation	4.2 Stars
9	Warframe	Action role-playing	5 Stars
10	Ark: Survival Evolved	action-adventure survival game	4 Stars
11	null	null	null





A screenshot of a Microsoft Edge browser window displaying a game ratings table. The table has columns for ID, Game Name, Game Type, and Rating. The data includes 11 entries, such as GTA 5 (Action-adventure, 4 Stars) and Warframe (Action role-playing, 5 Stars). Below the table are links for 'Add a game' and 'Remove a game'. The browser's address bar shows the URL 127.0.0.1:5501/forzaContact.html. The taskbar at the bottom shows various pinned icons and the date/time as 2022/09/21.

ID	Game Name	Game Type	Rating
1	GTA 5	Action-adventure	4 Stars
2	car mechanic simulator 2021	highly realistic simulation game	5 Stars
3	Counter-Strike: Global Offensive	First-person shooter	2 Stars
4	Rust	Survival	4.5 Stars
5	Call of Duty	first-person shooter video game franchise	4 Stars
6	Tom Clancys Rainbow Six Siege	first-person shooter game	4 Stars
7	My summer car	Vehicle simulation game	5 Stars
8	Farming simulator 22	Simulation	4.2 Stars
9	Warframe	Action role-playing	5 Stars
10	Ark: Survival Evolved	action-adventure survival game	4 Stars
11	Fifa 21	Soccer	5 Stars

**Completed Declaration of Authenticity**

I Zamandla Xulu \_ hereby

(FULL NAME)

declare that the contents of this assignment are entirely my own work except for the following documents: (List the documents and page numbers of work in this portfolio that were generated in a group)

Activity	date
CW412 FA2	21/09/2022

Signature:

Date: 21/09/2022