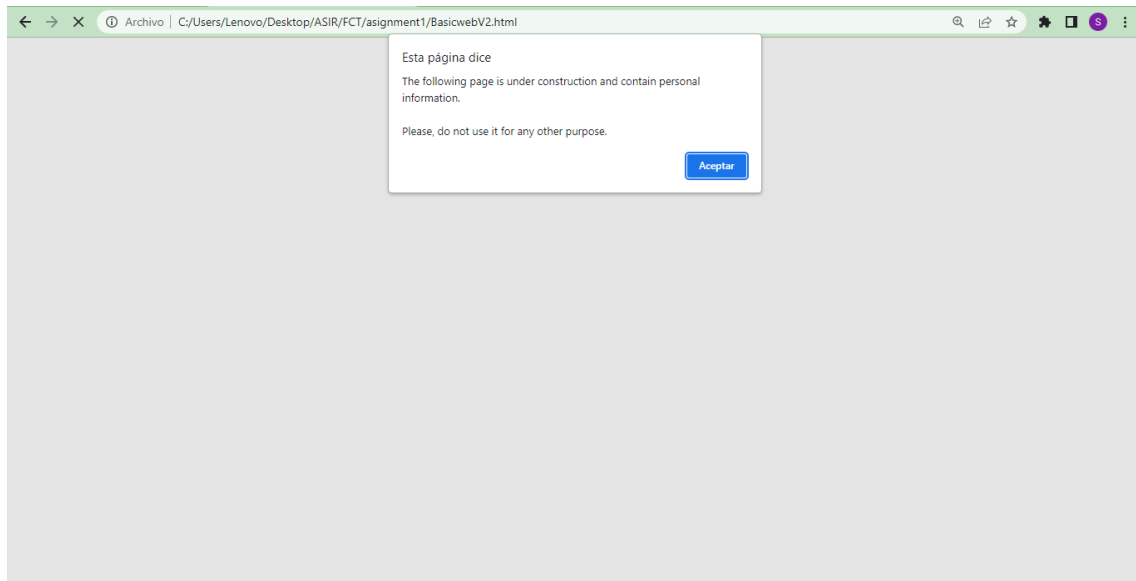


Assignment 2

Functions added:

Confidentiality alert

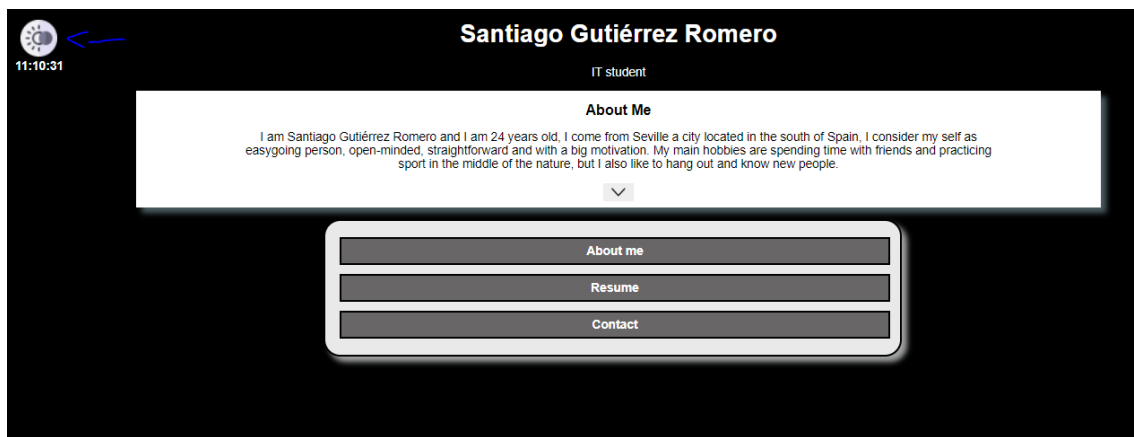
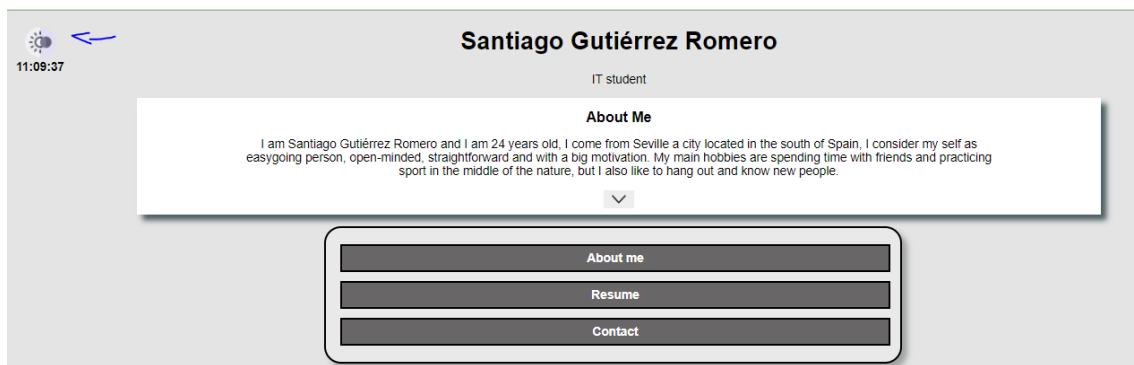


Alert with a warning informing about the confidentiality of the info inside the page.

We used the following function to achieve it:

```
<script type="text/javascript">  
|   alert("The following page is under construction and contain personal information.\n\nPlease, do not use it for any other purpose."  
</script>  
main>
```

Dark mode:



With dark mode button we allow the user to change the background of the page

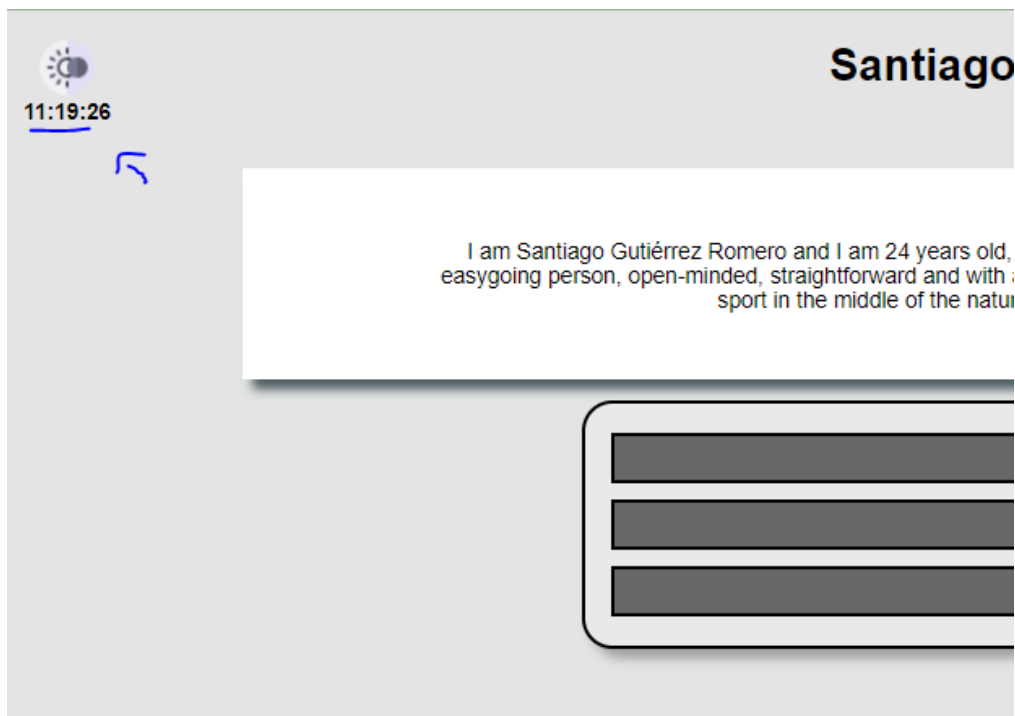
We achieve it with the following functions:

```
<script>
  function darkMode(){
    var a = document.getElementById("body");
    if(a.classList.contains("bodyDark")){
      document.getElementById("head").classList.replace("theadDark", "thead");
      document.getElementById("body").classList.replace("bodyDark", "body");
    } else {
      document.getElementById("body").classList.replace("body", "bodyDark");
      document.getElementById("head").classList.replace("thead", "theadDark");
    }
  }
</script>

<div class="buttonPosition">
  <a class="buttondarkmode" onclick="darkMode()">
    
  </a>
```

As we can see what I did was changing the class of the body and header depending on the current class it is been used. When click the dark mode button we also change the lettering colours because would be impossible to see them if they were the same colour than the background.

Live time clock:



This clock will show us the current time in Berlin time zone.

We achieve it using the following functions:

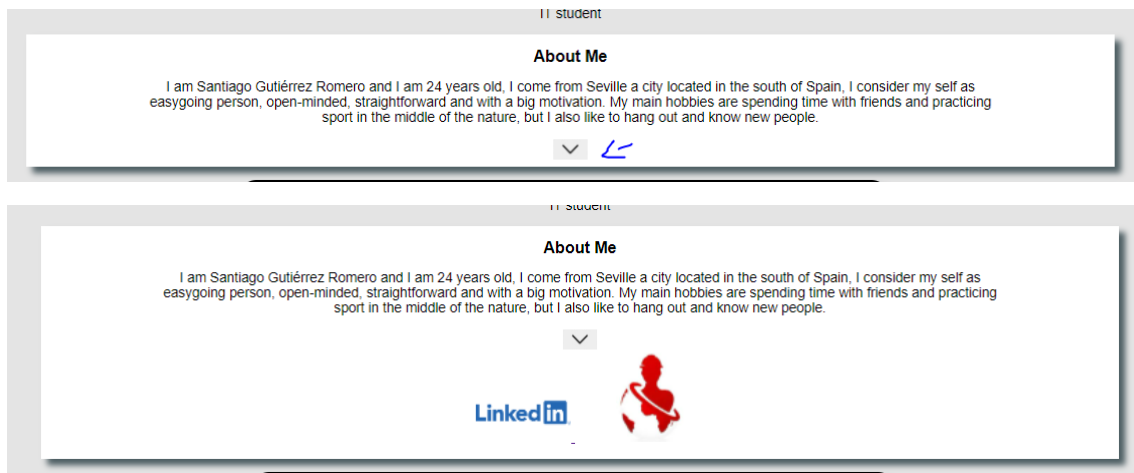
```
<body onload="startTime()" id="body" class="body">
<script>
function startTime() {
  const today = new Date();
  let h = today.getHours();
  let m = today.getMinutes();
  let s = today.getSeconds();
  m = checkTime(m);
  s = checkTime(s);
  document.getElementById('txt').innerHTML = h + ":" + m + ":" + s;
  setTimeout(startTime, 1000);
}

function checkTime(i) {
  if (i < 10) {i = "0" + i}; // add zero in front of numbers < 10
  return i;
}
</script>
```

```
<b>
<div id="txt"></div>
</b>
```

In this function we collect in vars the needed information for displaying the current time dynamically into the div with the id "txt".

Drop-down button:



By clicking this drop-down button we allow the user to display more info in the About me container, this extra info contains links to my personal LinkedIn page and the EUTech engineers web page.

We used the following functions for achieving it:

```
<script type="text/javascript">
  function changeContainer(){
    var x = document.getElementById("linked")
    if (x.style.display === "block") {
      x.style.display = "none";
      document.getElementById("Container").classList.replace("mainContainerExpanded", "mainContainer");
    } else {
      x.style.display = "block";
      document.getElementById("Container").classList.replace("mainContainer", "mainContainerExpanded");
    }
  }
</script>
```

```
<a onclick="changeContainer()">
  
</a>
<div class="buttondarmode" id="linked" style="display: none;">
  <a href="https://www.linkedin.com/in/santiago-guti%C3%A9rrez-romero-30110a226">
    
  </a>
  <a href="https://eutechengineers.com/">
    
  </a>
</div>
</div>
```

In this case when clicking the drop-down button we change the container height using classes, and also change the display of the linkedin and EUTech images, we use "display: block and display: none" for changing between hide and show.

Add info to the resume:

Santiago Gutierrez Romero
IT student

Resume

Carrer

Internship - EUTech Engineers
University Oberta of catalunya - Degree in Psichology (2019-Currently)
I.E.S. Punta del Verde - IT Systems and Networks Management (2019-2022)
Cambridge Universite - First Certificate (2021)

Skills & Technologies

Skills & Technologies
React Native

JavaScript
TypeScript
Angular.js
Node.js
Express.js
MongoDB
React.js
HTML5
CSS3
PHP
MySQL
Git
Linux
Windows

Soft Skills
Resilence

Teamwork
Communication
Problem solving
Adaptability
Time management
Leadership
Creativity

We added forms in the resume page that allow users to add info into the different paragraphs.

We did it using the following functions:

```
<div id="new">
  <form style="border: 1px solid black; padding: 5px;">
    <input id="info" value="" type="text" placeholder="New Info">
    <br>
    <a onclick="addInfo()">  </a>
  </form>
</div>

function addInfo(){
  var info = document.getElementById("info").value;
  var tag = document.createElement("p");
  var text = document.createTextNode(info);
  tag.appendChild(text);
  var element = document.getElementById("new");
  element.appendChild(tag);
}

function addInfo1(){
  var info = document.getElementById("infoSkill").value;
  var tag = document.createElement("p");
  var text = document.createTextNode(info);
  tag.appendChild(text);
  var element = document.getElementById("new1");
  element.appendChild(tag);
}

function addInfo2(){
  var info = document.getElementById("infoSoft").value;
  var tag = document.createElement("p");
  var text = document.createTextNode(info);
  tag.appendChild(text);
  var element = document.getElementById("new2");
  element.appendChild(tag);
}
```

In these functions we collect the value of the form into the “info” var, then we create a new element and then we introduce the new info inside the element we have just created.

As we can see there are three functions because I used one for each paragraph (Carrer, Skills & Technologies, Soft Skills).

Charts:

Skills & Technologies

React Native

+

React Native

- JavaScript
- TypeScript
- Angular.js
- Node.js
- Express.js
- MongoDB
- React.js
- HTML5
- CSS3
- PHP
- MySQL
- Git
- Linux
- Windows



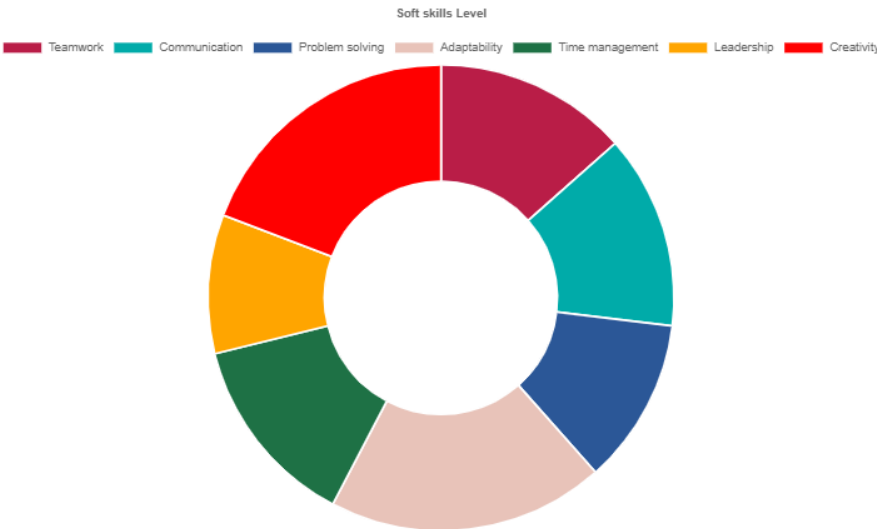
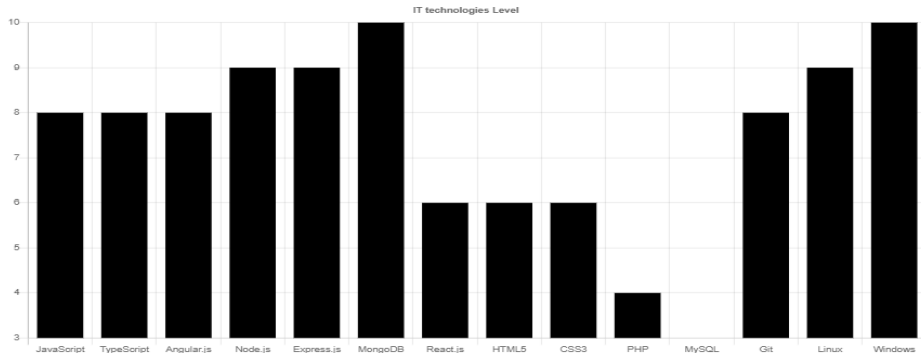
Soft Skills

Resilience

+

Resilience

- Teamwork
- Communication
- Problem solving
- Adaptability
- Time management
- Leadership
- Creativity



In this case we built two buttons that allow the user to see two charts about the technologies and soft skills that I have and know. We built these charts using chart.js.

For built we used the following functions:

Bar Chart:

Importing canvas element →

```
<script  
src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.9.4/Chart.js">  
</script>
```

Button and canvas not displayed.

```
<a onclick="displayCanvas()">  
    
</a>  
<canvas style="display: none;" id="myChart" style="width:100%;max-width:700px"></canvas>
```

Function for displaying canvas and introduce data into the chart:

```
<script>  
  function displayCanvas(){  
    var x = document.getElementById("myChart")  
  
    if (x.style.display === "block") {  
      x.style.display = "none";  
    } else {  
      x.style.display = "block";  
      myChart()  
    }  
  }  
  
  function myChart(){  
    var xValues = ["JavaScript", "TypeScript", "Angular.js", "Node.js", "Express.js", "MongoDB", "React.js", "HTML5", "CSS3"]  
    var yValues = [8,8,8,9,9,10,6,6,6,4,3,8,9,10];  
    var barColors = ["black", "black","black","black", "black","black","black", "black", "black","black","black", "black", "black", "black"]  
  
    new Chart("myChart", {  
      type: "bar",  
      data: {  
        labels: xValues,  
        datasets: [{  
          backgroundColor: barColors,  
          data: yValues  
        }]  
      },  
      options: {  
        legend: {display: false},  
        title: {  
          display: true,  
          text: "IT technologies Level"  
        }  
      }  
    });  
  }  
</script>
```

In these functions we change the display of canvas element and inside this function we call myChart() function which is who introduce the data into the chart.

Doughnut chart:

In Doughnut chart the procedure is the same as in the bar chart, but in this case, we use a different template for the chart:

```
<a onclick="displayCanvas1()">
  
</a>

<canvas style="display: none;" id="myChart1" style="width:100%;max-width:600px"></canvas>

</script>
```

```
<script>
function displayCanvas1(){
  var x = document.getElementById("myChart1")

  if (x.style.display === "block") {
    x.style.display = "none";
  } else {
    x.style.display = "block";
    doughnut()
  }
}

function doughnut(){
var xValues = ["Teamwork", "Communication", "Problem solving", "Adaptability", "Time management", "Leadership", "Creativity"]
var yValues = [7, 7, 6, 10, 7, 5, 10];
var barColors = [
  "#b91d47",
  "#00aba9",
  "#2b5797",
  "#e8c3b9",
  "#1e7145",
  "#ffa500",
  "#ff0000"
];

new Chart("myChart1", {
  type: "doughnut",
  data: {
    labels: xValues,
    datasets: [{
      backgroundColor: barColors,
      data: yValues
    }]
  },
  options: {
    title: {
      display: true,
      text: "Soft skills Level"
    }
  }
});
}
```

Confirm alert:

We added an alert that inform the users about the information they introduce into the contact forms. In case that this page would be working with a back-end the information will be posted in case that the user clicked confirm:

The screenshot shows a web application interface. At the top left, there is a clock icon and the time '12:26:01'. Below this is a 'Contact Form' with four input fields: 'Name' (containing 'Santiago G'), 'Email' (containing 'admin@admin'), 'Phone' (containing '123456789'), and 'Message' (containing 'Hello World!'). A 'Send' button is located below the message field. A confirmation alert box is displayed over the form, titled 'Esta página dice' (This page says). The alert contains the following text: 'Name: Santiago G', 'Email: admin@admin', 'Phone: 123456789', and 'Message: Hello World!'. There are two buttons in the alert: 'Aceptar' (Accept) and 'Cancelar' (Cancel). Below the form, there is a navigation bar with three buttons: 'About me', 'Resume', and 'Contact'. At the bottom of the page, there is a footer that reads 'This Project was made by Santiago Gutiérrez Romero' and a list of technologies: 'Front-end Typescript Windows Back-end Javascript Linux Node.js PHP HTML Angular.js Object-Oriented Programming CSS React Operatives Systems'.

We did it using the following function:

In the function we collect the info into vars and then we display it inside the confirm alert:

```
function showdata(){  
    var a = document.getElementById("name").value;  
    var b = document.getElementById("email").value;  
    var c = document.getElementById("hi").value;  
    var d = document.getElementById("message").value;  
  
    //Mostar los datos en la pagina  
    confirm("Name: " + a + "\nEmail: " + b + "\nPhone: " + c + "\nMessage: " + d);  
}
```