

Fundamentals of Computer Engineering

Module V - Unit II CSS II

Teachers: Moisés Martínez (1ºA English)

Year: 2022 - 2023

CSS menus

Which is a menu?

A menu or a navigation menu is an organized list of links to other web pages, usually internal pages.



left side

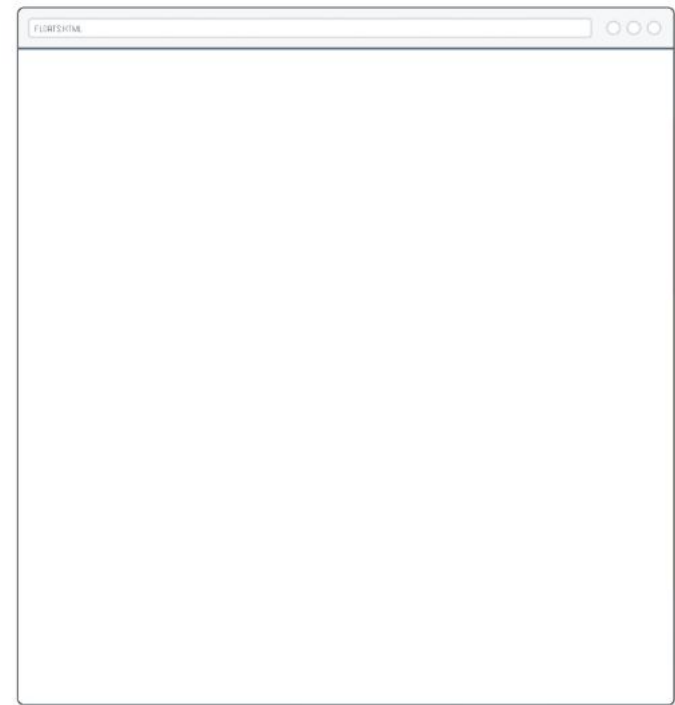


drop down

Navigation menus appear most commonly in page headers or sidebars across a website, allowing users to access the main pages.

Left side menu

```
<!DOCTYPE html>
<html lang='en'>
<html>
<head
  <meta charset="UTF-8">
  <title>Example side menu</title>
  <link rel='stylesheet' href='styles.css'/>
</head>
<body>
  <div class = "page">
    <div class="menu">
      <div class="sidebar">
        </div>
      </div>
    </div>
  </div>
</div>
</body>
</html>
```



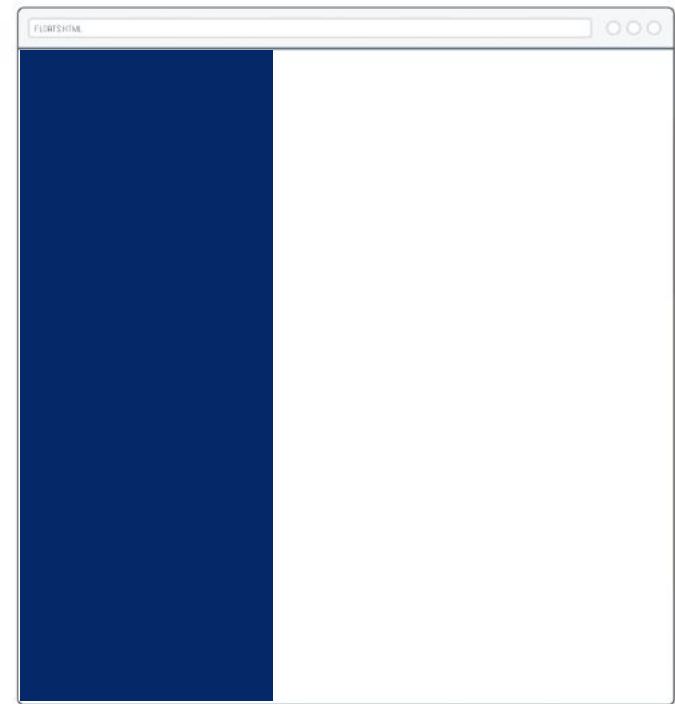
Left side menu

```
@import url(https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,300,600);

*{
  list-style: none;
  text-decoration: none;
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: Lato, Helvetica, sans-serif;
}

body{
  background: #f5f6fa;
}

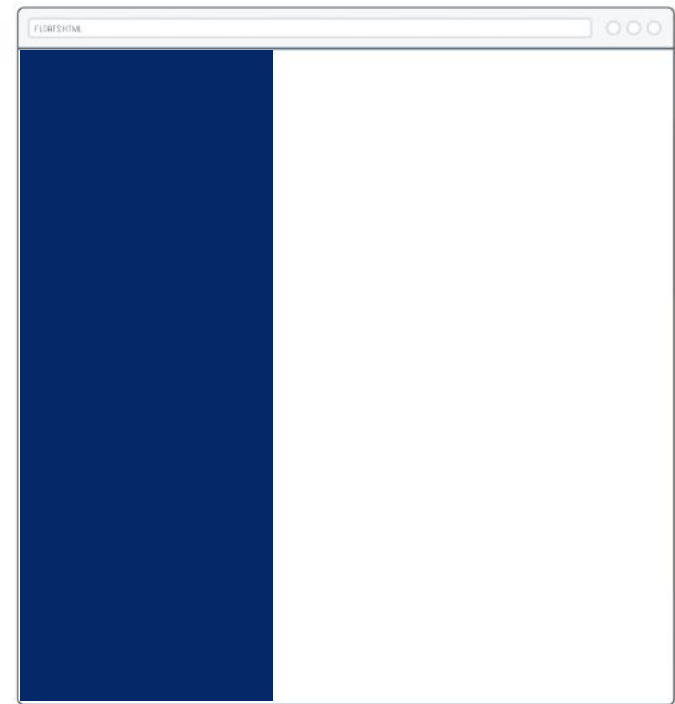
.menu .sidebar{
  background: rgb(5, 41, 104);
  position: fixed;
  top: 0;
  left: 0;
  width: 225px;
  height: 100%;
  padding: 20px 0;
  transition: all 0.5s ease;
}
```



Left side menu

```
<div class="sidebar">  
  <div class="profile">  
      
    <h3>My name</h3>  
    <p>My position</p>  
  </div>  
</div>
```

We must insert a new box inside of the sidebar to include información about us.



CSS menus

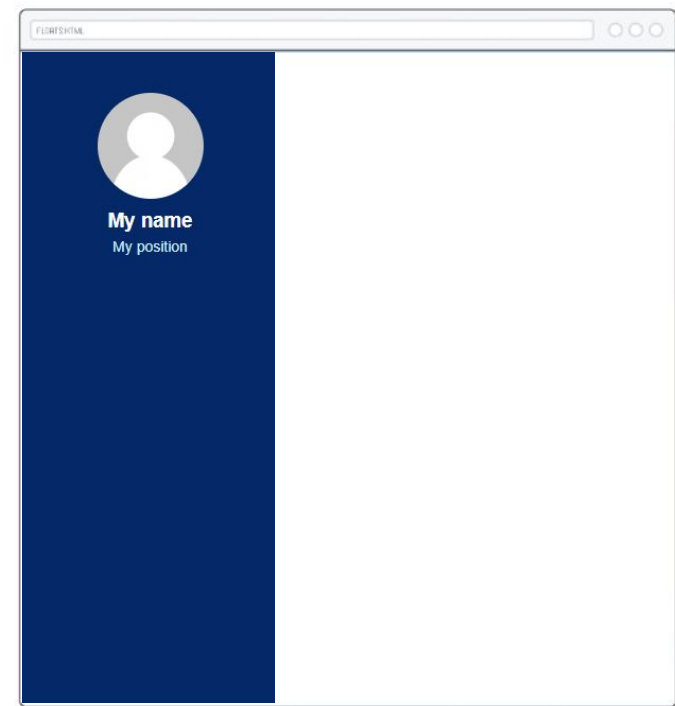
Left side menu

```
.menu .sidebar .profile{
  margin-bottom: 30px;
  text-align: center;
}

.menu .sidebar .profile img{
  display: block;
  width: 100px;
  height: 100px;
  border-radius: 50%;
  margin: 0 auto;
}

.menu .sidebar .profile h3{
  color: #ffffff;
  margin: 10px 0 5px;
}

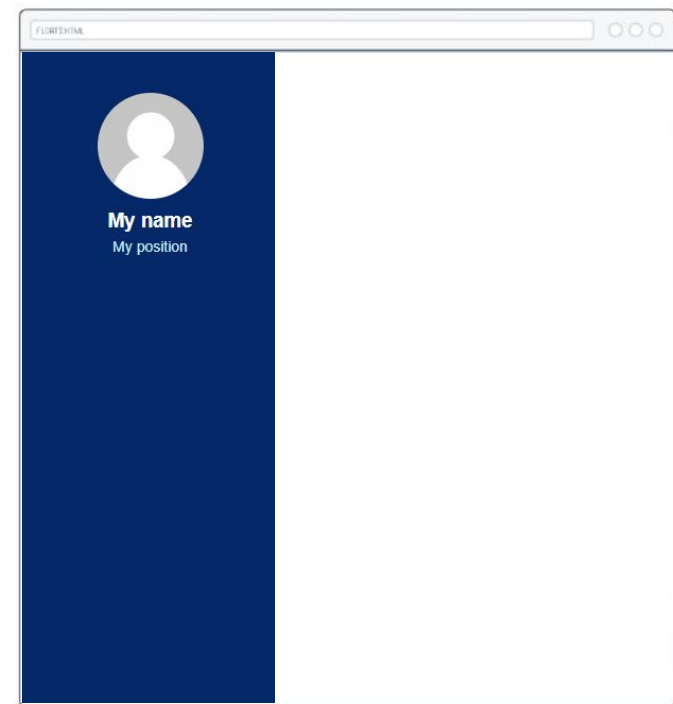
.menu .sidebar .profile p{
  color: rgb(206, 240, 253);
  font-size: 14px;
}
```



CSS menus

Left side menu

```
<div>
  <ul>
    <li>
      <a href="#">
        <span class="icon"><i class="fas fa-home"></i></span>
        <span class="item">Home</span>
      </a>
    </li>
    <li>
      <a href="#">
        <span class="icon"><i class="fas fa-user-friends"></i></span>
        <span class="item">Network</span>
      </a>
    </li>
    <li>
      <a href="#">
        <span class="icon"><i class="fas fa-user-shield"></i></span>
        <span class="item">Admin</span>
      </a>
    </li>
    <li>
      <a href="#">
        <span class="icon"><i class="fas fa-cog"></i></span>
        <span class="item">Settings</span>
      </a>
    </li>
  </ul>
</div>
```



Left side menu

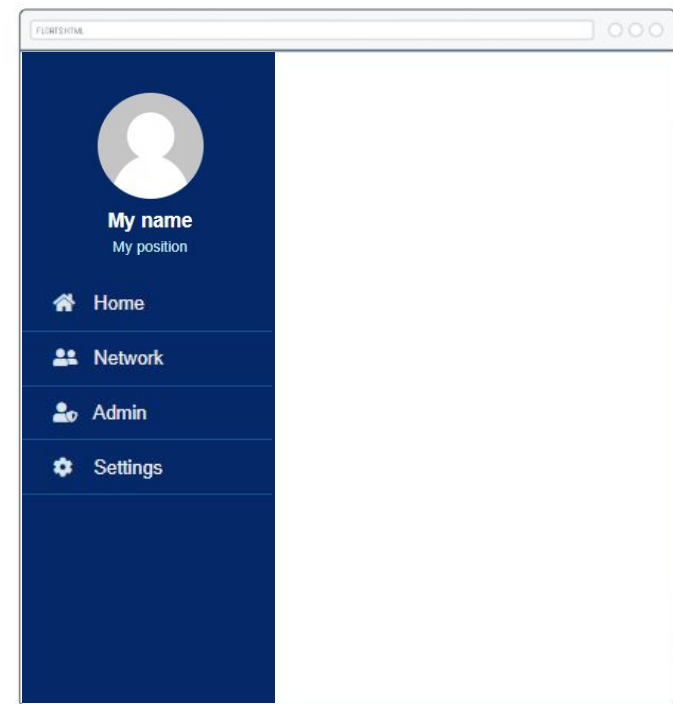
```
.menu .sidebar ul li a{
  display: block;
  padding: 13px 30px;
  border-bottom: 1px solid #10558d;
  color: rgb(241, 237, 237);
  font-size: 16px;
  position: relative;
}

.menu .sidebar ul li a .icon{
  color: #dee4ec;
  width: 30px;
  display: inline-block;
}
```

We must include a outside style file to include nice icons.

```
<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.1/css/all.css">
```

You must include it into the header.



CSS events

On Hover event

The :hover event is used to select elements when you mouse over them.

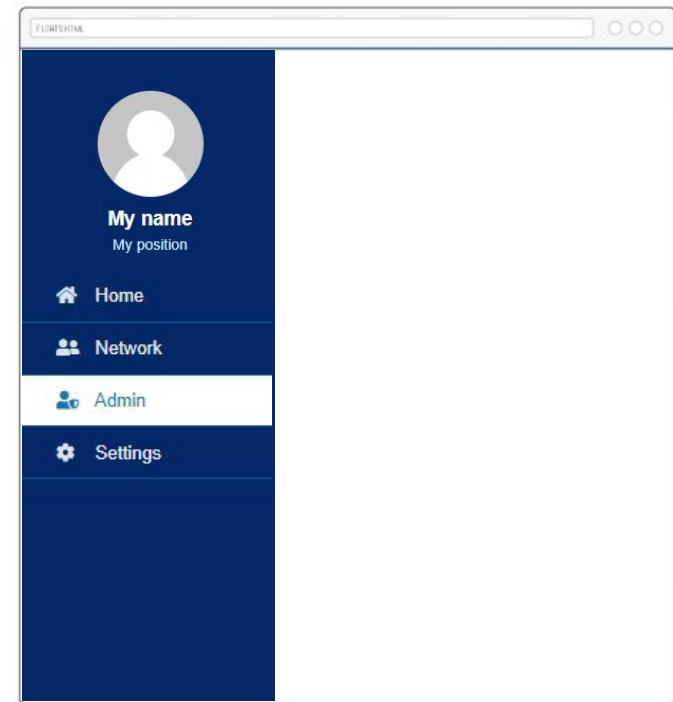


The :hover event can be used on all html elements, not only on links.

On Hover event

```
.menu .sidebar ul li a:hover,  
.menu .sidebar ul li a.active{  
  color: #0c7db1;  
  background:white;  
  border-right: 2px solid rgb(5, 41, 104);  
}  
  
.menu .sidebar ul li a:hover .icon,  
.menu .sidebar ul li a.active .icon{  
  color: #0c7db1;  
}  
  
.menu .sidebar ul li a:hover:before,  
.menu .sidebar ul li a.active:before{  
  display: block;  
}
```

Hover is activated when the mouse is over the a element.



References

- <https://www.w3schools.com/cssref/index.php>
- <https://htmlcheatsheet.com/css>
- <https://jigsaw.w3.org/css-validator>
- <https://divtable.com>
- <https://rgbcolorcode.com>
- <https://badhtml.com/bad-css-practices-to-avoid>
- <https://freefrontend.com/css-sidebar-menus/>
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