



# DO PSD PARA WEB

PROTOTIPANDO SITES  
COM BOOTSTRAP E  
DJANGO

# RAFAEL PAIXÃO

Desenvolvedor Fullstack @ Inflor

Pipelines de dados

Business Intelligence

Web crawling / bots

Vue.js / Frontend



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 @raelpx

# CAFÉ COM VUE



meetup

Iniciar um novo grupo

30% DE DESCONTO

terça-feira, 24 de setembro de 2019

## 7º Café com Vue



Coordenado por Mikael Hadler e Rafael Paixão

Via [Vue.js Vix](#)

Grupo público

Vue.js Vix  
MEETUP

APOIO:

INFLOR

pag!

brooder

IXDA

### Detalhes

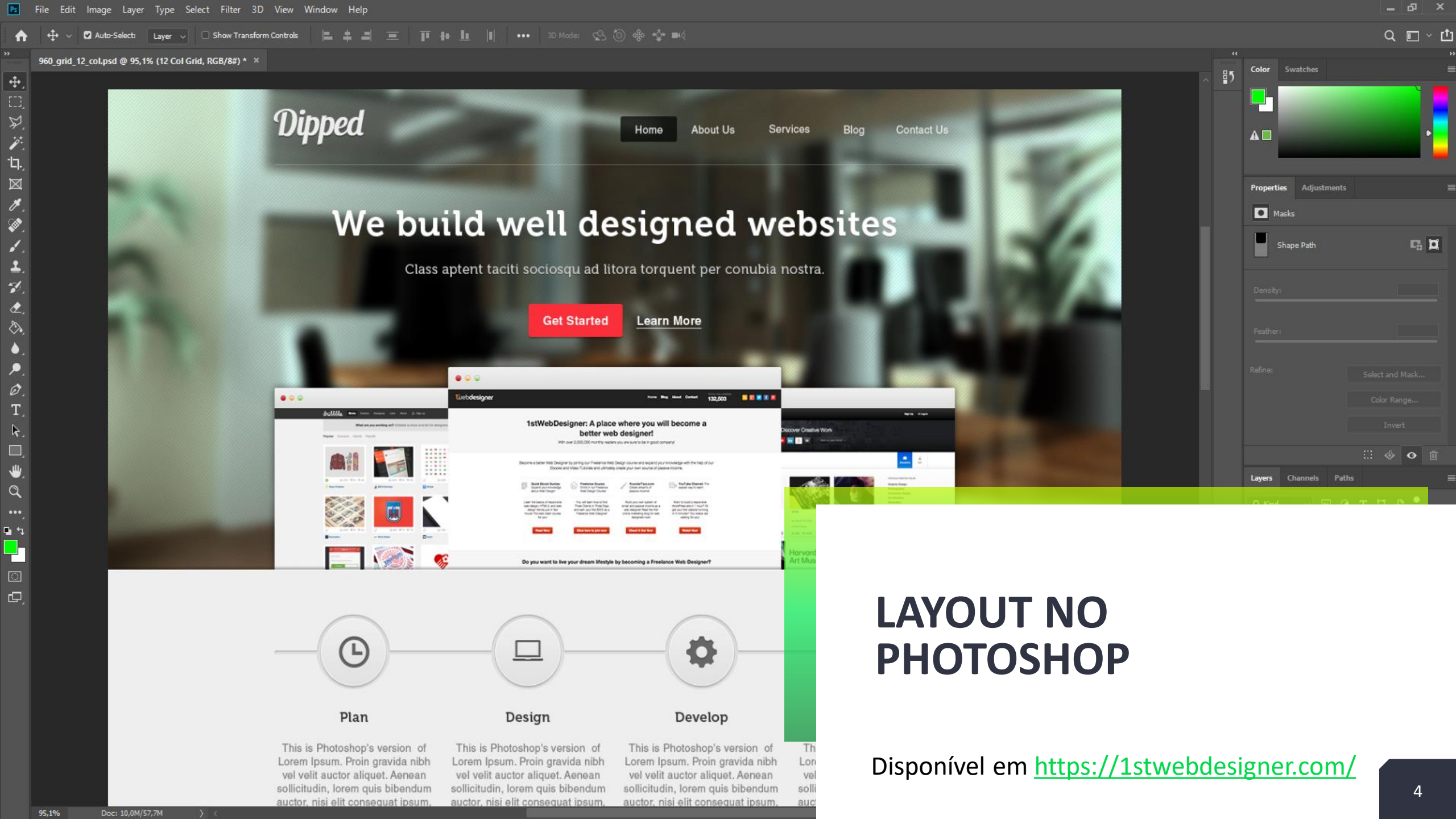
🕒 24/09 - 7º Café com Vue 🕒

Vem aí o 7º Café com Vue!

Bora tomar um café e bater um papo sobre Vue + GraphQL? :)

Programação

19h00 - Coffee break e recepção

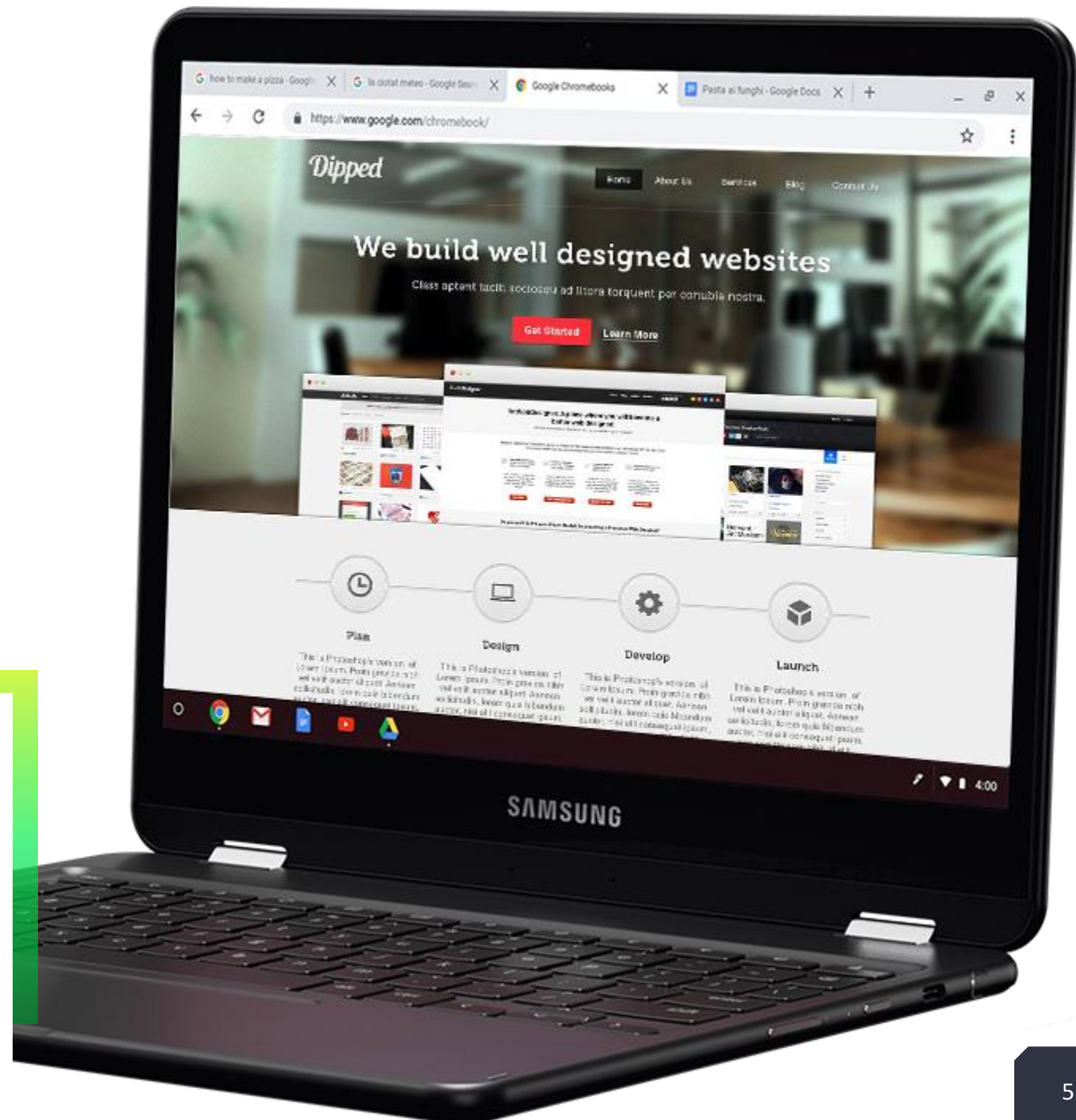


# LAYOUT NO PHOTOSHOP

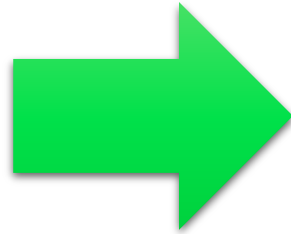
Disponível em <https://1stwebdesigner.com/>



# COMO COLOCAR NA INTERNET?

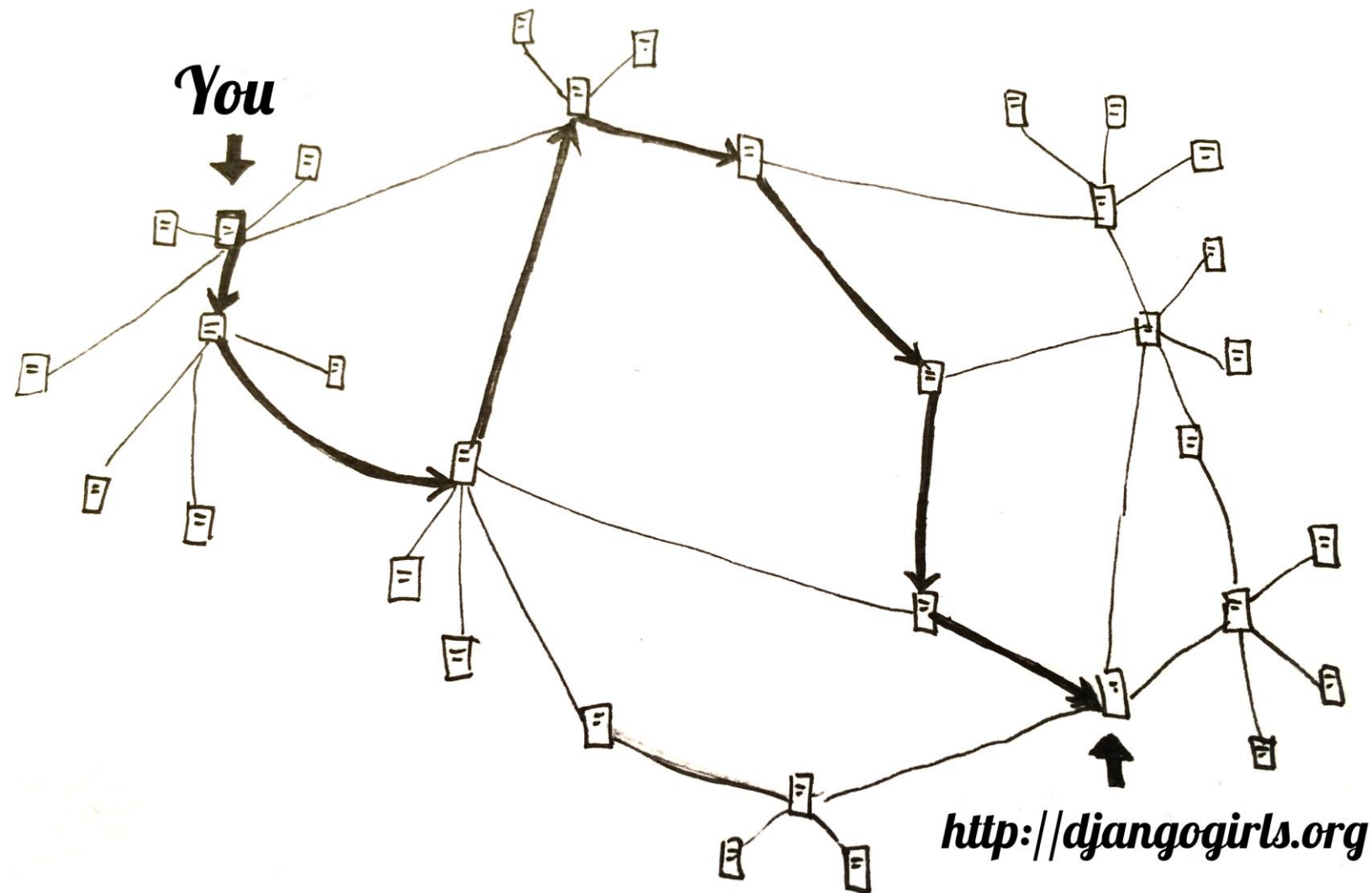


# COMO?????

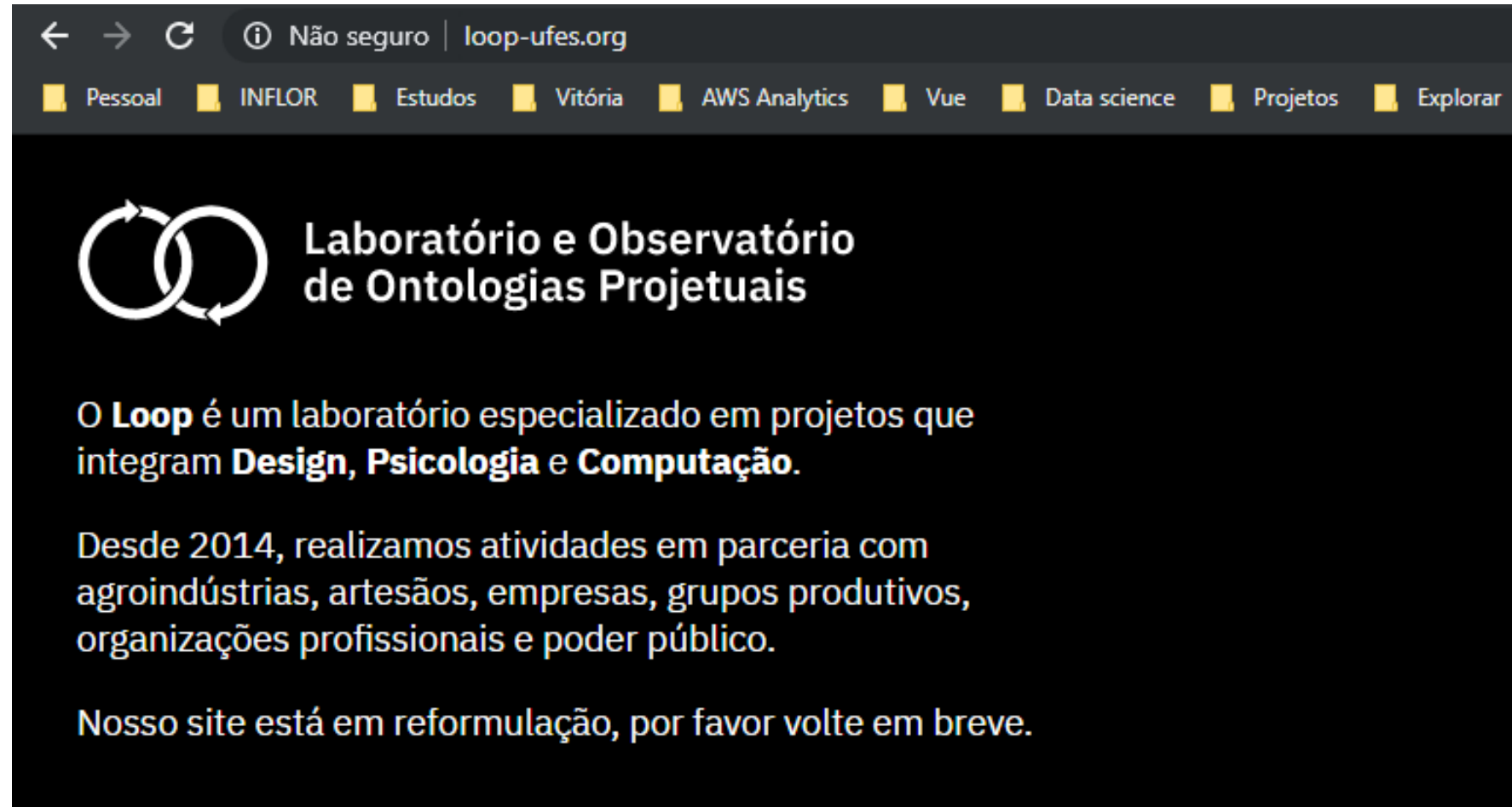


```
<defs>
  <linearGradient x1="100%" y1="0%" x2="0%" y2="100%" id="media-control">
    <stop stop-color="#06101F" offset="0%" />
    <stop stop-color="#1D304B" offset="100%" />
  </linearGradient>
</defs>
<rect width="800" height="450" rx="8" fill="url(#media-control)" fill-rule="evenodd" />
</svg>
<div class="media-control">
  <svg width="96" height="96" viewBox="0 0 96 96" xmlns="http://www.w3.org/2000/svg">
    <defs>
      <linearGradient x1="87.565%" y1="15.875%" x2="51.406%" y2="51.406%" id="media-control">
        <stop stop-color="#FFF" stop-opacity="0.5" offset="0%" />
        <stop stop-color="#FFF" offset="100%" />
      </linearGradient>
      <filter x="-500%" y="-500%" width="1000%" height="1000%" id="media-control">
        <feOffset dy="16" in="SourceAlpha" result="shadowOffsetOuter" />
        <feGaussianBlur stdDeviation="24" in="shadowOffsetOuter" result="shadowBlurOuter" />
        <feColorMatrix values="0 0 0 0 0.204 0 0 0 0.204 0 0 0 0.204 0 0 0 0.204 0 0 0.204 0" type="matrix" />
      </filter>
    </defs>
    <rect width="96" height="96" rx="16" fill="url(#media-control)" fill-rule="evenodd" />
    <rect width="96" height="96" rx="16" fill="url(#media-control)" fill-rule="evenodd" />
  </svg>
</div>
```

O QUE É UM  
SITE?

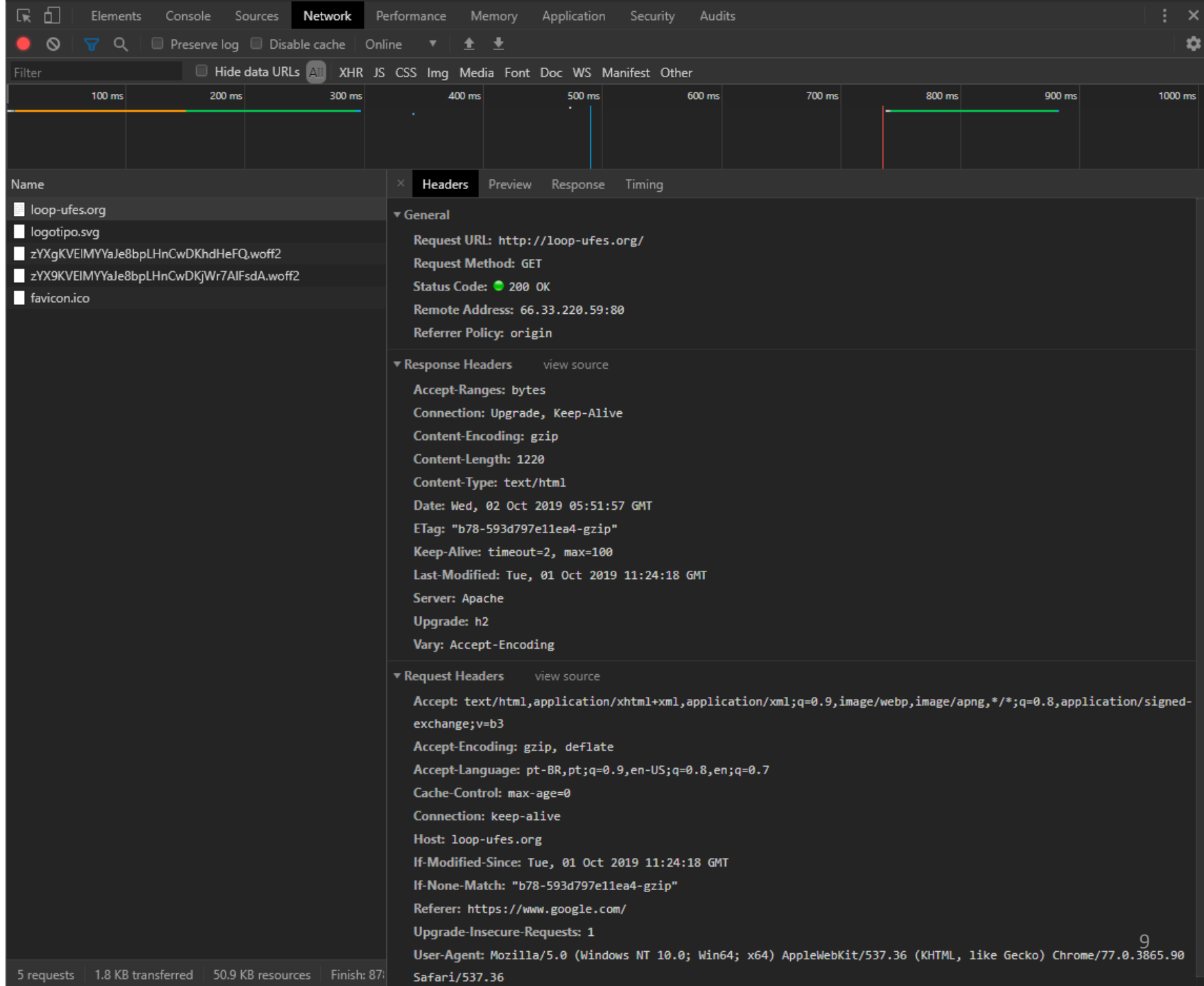


## O QUE É UM SITE?





# O QUE É UM SITE?



The screenshot shows the Chrome DevTools Network tab. The top panel displays a timeline of network requests. The bottom panel shows the details of a selected request, including the Headers tab.

**Request Details:**

- Name:** loop-ufes.org
- Request URL:** http://loop-ufes.org/
- Request Method:** GET
- Status Code:** 200 OK
- Remote Address:** 66.33.220.59:80
- Referrer Policy:** origin

**Response Headers:**

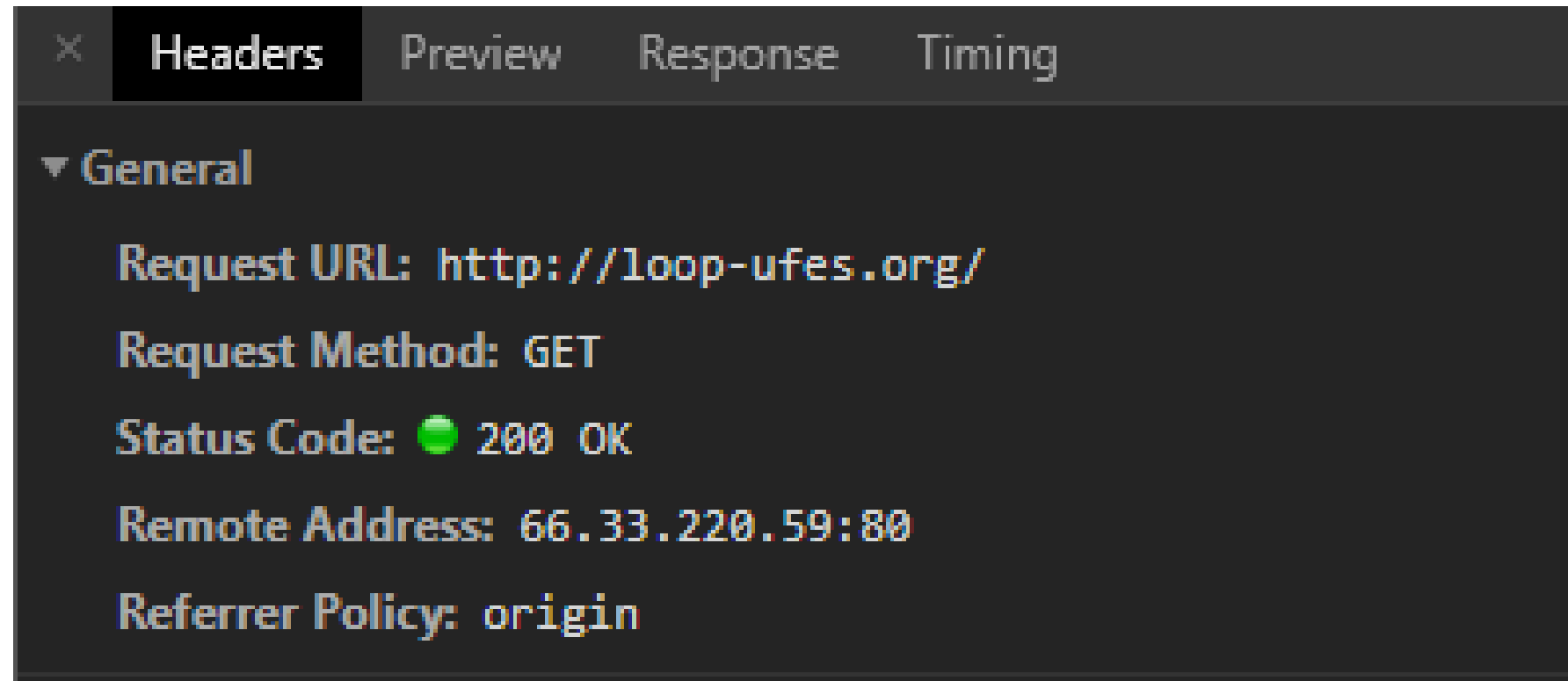
- Accept-Ranges: bytes
- Connection: Upgrade, Keep-Alive
- Content-Encoding: gzip
- Content-Length: 1220
- Content-Type: text/html
- Date: Wed, 02 Oct 2019 05:51:57 GMT
- ETag: "b78-593d797e11ea4-gzip"
- Keep-Alive: timeout=2, max=100
- Last-Modified: Tue, 01 Oct 2019 11:24:18 GMT
- Server: Apache
- Upgrade: h2
- Vary: Accept-Encoding

**Request Headers:**

- Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3
- Accept-Encoding: gzip, deflate
- Accept-Language: pt-BR,pt;q=0.9,en-US;q=0.8,en;q=0.7
- Cache-Control: max-age=0
- Connection: keep-alive
- Host: loop-ufes.org
- If-Modified-Since: Tue, 01 Oct 2019 11:24:18 GMT
- If-None-Match: "b78-593d797e11ea4-gzip"
- Referer: https://www.google.com/
- Upgrade-Insecure-Requests: 1
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/77.0.3865.90 Safari/537.36

**Summary:** 5 requests, 1.8 KB transferred, 50.9 KB resources, Finish: 87%

O QUE É UM  
SITE?



# O QUE É UM SITE?

```
× Headers Preview Response Timing
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <meta http-equiv="X-UA-Compatible" content="ie=edge">
8   <title> Laboratório e Observatório de Ontologias Projetuais - Loop/Ufes</title>
9   <meta name="description" content="Loop/Ufes">
10  <meta property="og:title" content="Loop/Ufes">
11  <meta property="og:description" content="Laboratório e Observatório de Ontologias Projetuais da Universidad
12  <meta property="og:image" content="http://loop-ufes.org/og.png">
13  <meta property="og:url" content="http://loop-ufes.org">
14
15
16  <link href="https://fonts.googleapis.com/css?family=IBM+Plex+Sans:400,700&display=swap" rel="stylesheet">
17  <style>
18    body {
19      background-color: #000;
20      color: #fff;
21      font-family: 'IBM Plex Sans', sans-serif;
22      font-size: 14pt;
23    }
24
25    #ui {
26      padding: 25px;
27      max-width: 500px;
28    }
29
30    img {
31      width: 100%;
32      max-width: 400px;
33    }
34
35    a,
36    a:link,
37    a:active,
38    a:visited {
39      color: yellow;
40      text-decoration: none;
41    }
42
43    a:hover {
44      text-decoration: underline;
45    }
46
47    section {
48      padding-bottom: 0.5em;
49    }
50
```

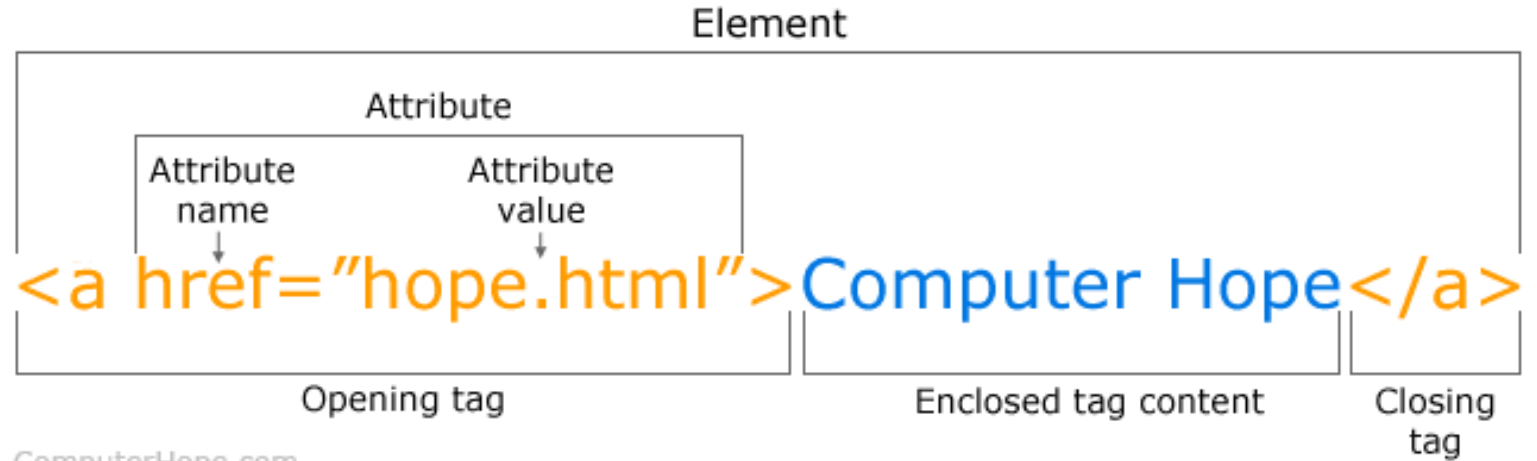
# O QUE É UM SITE?

× Headers Preview Response Timing

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <meta http-equiv="X-UA-Compatible" content="ie=edge">
8   <title> Laboratório e Observatório de Ontologias Projetuais - Loop/Ufes</title>
9   <meta name="description" content="Loop/Ufes">
10  <meta property="og:title" content="Loop/Ufes">
11  <meta property="og:description" content="Laboratório e Observatório de Ontologias Projetuais da Universidad
12  <meta property="og:image" content="http://loop-ufes.org/og.png">
13  <meta property="og:url" content="http://loop-ufes.org">
14
15
16  <link href="https://fonts.googleapis.com/css?family=IBM+Plex+Sans:400,700&display=swap" rel="stylesheet">
17  <style>
18    body {
19      background-color: #000;
20      color: #fff;
21      font-family: 'IBM Plex Sans', sans-serif;
22      font-size: 14pt;
23    }
24
25    #ui {
26      padding: 25px;
27      max-width: 500px;
28    }
29
30    img {
31      width: 100%;
32      max-width: 400px;
33    }
34
35    a,
36    a:link,
37    a:active,
38    a:visited {
39      color: yellow;
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41    }
42
43    a:hover {
44      text-decoration: underline;
45    }
46
47    section {
48      padding-bottom: 0.5em;
49    }
50
```

O QUE É UM  
SITE?

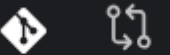
## Breakdown of an HTML Tag





# PROTÓTIPO 1

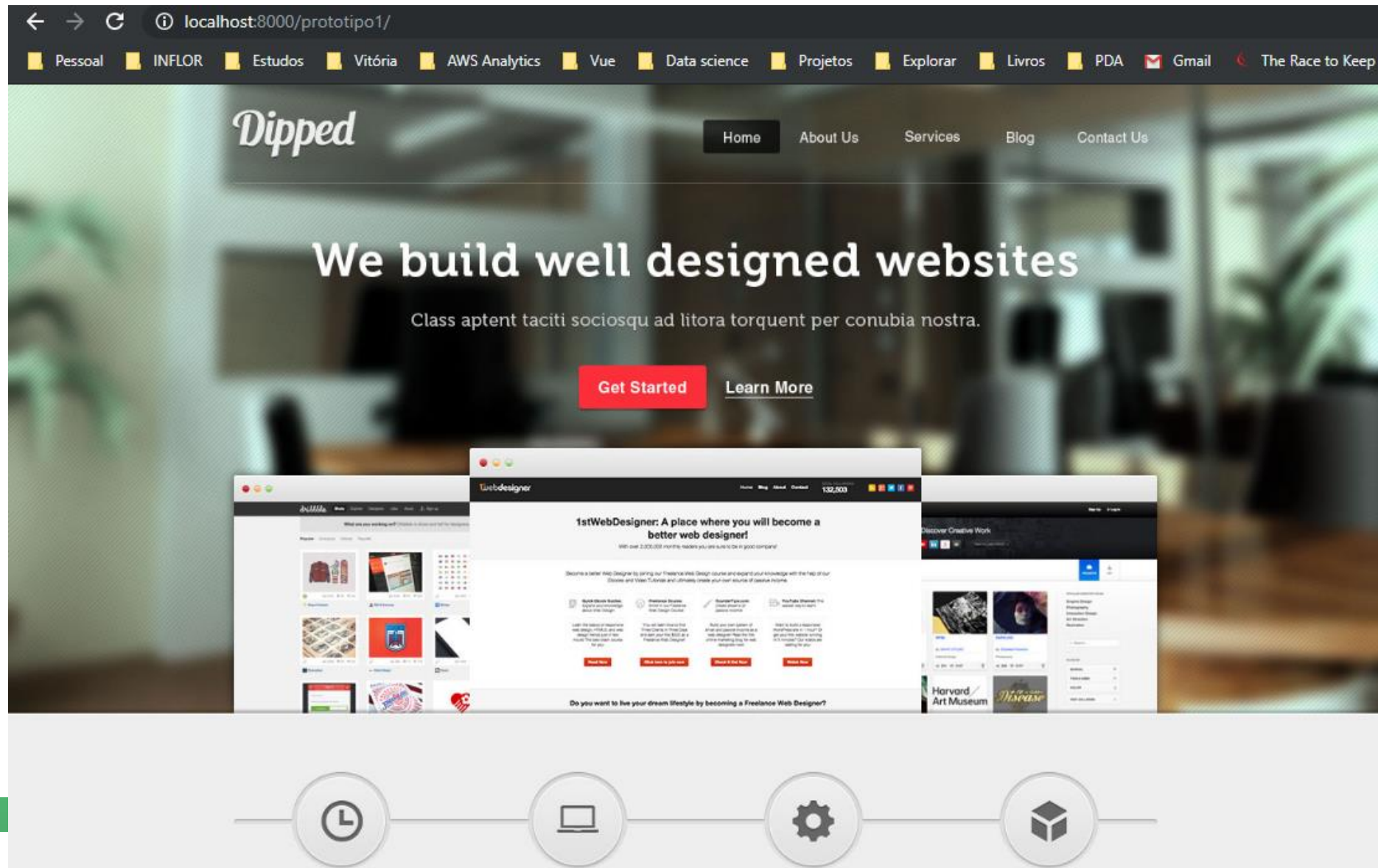
<> index.html ✕



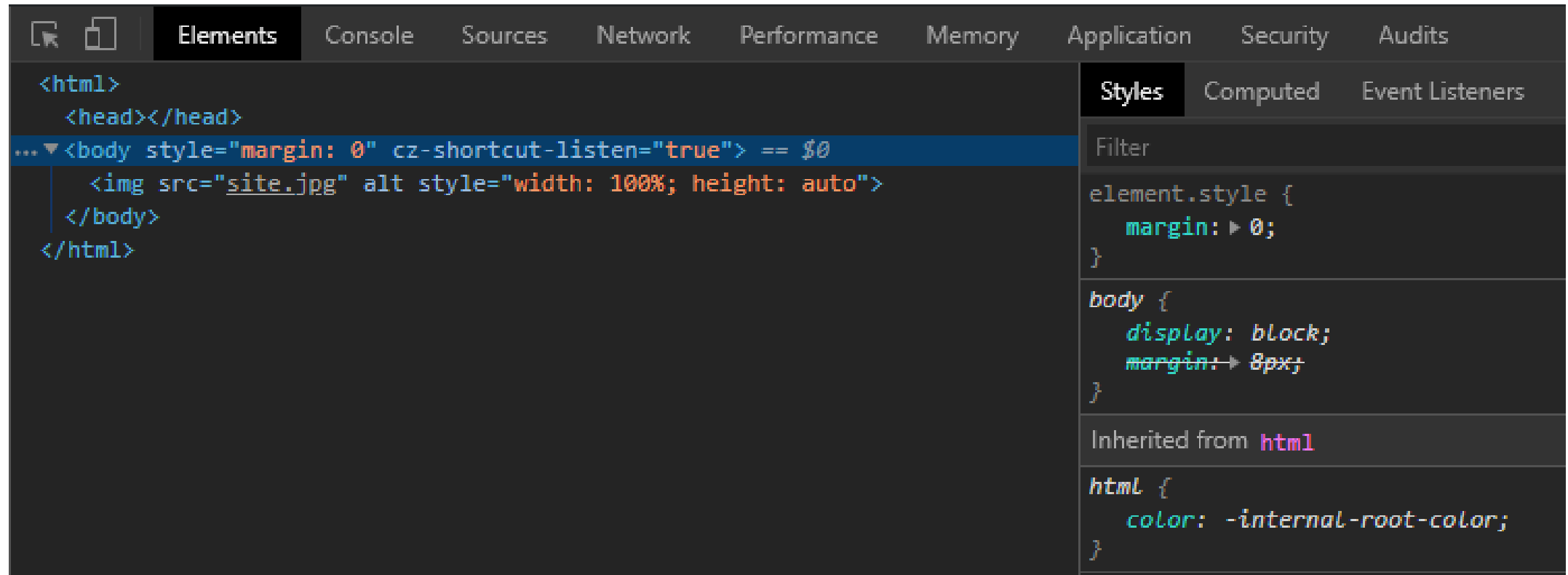
<> index.html > ...

```
1  <body style="margin: 0">
2  |    
3  </body>
4
```

# PROTÓTIPO 1



# PROTÓTIPO 1



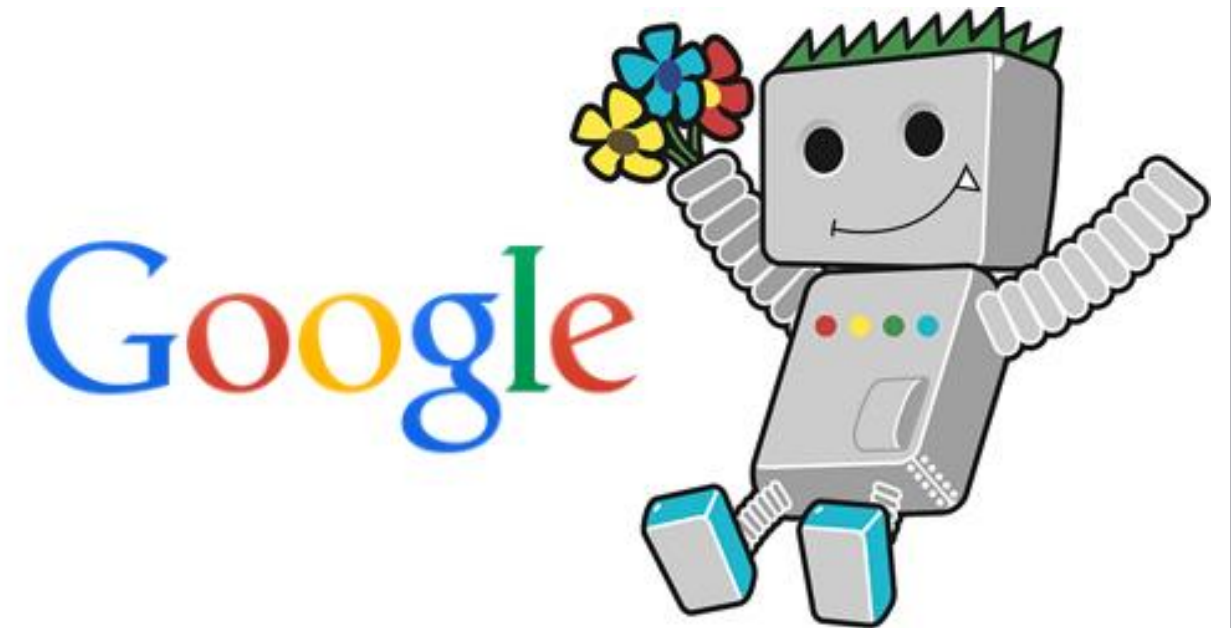
The screenshot displays the developer tools interface with the 'Elements' panel selected. The HTML structure is as follows:

```
<html>
  <head></head>
  <body style="margin: 0" cz-shortcut-listen="true"> == $0
    
  </body>
</html>
```

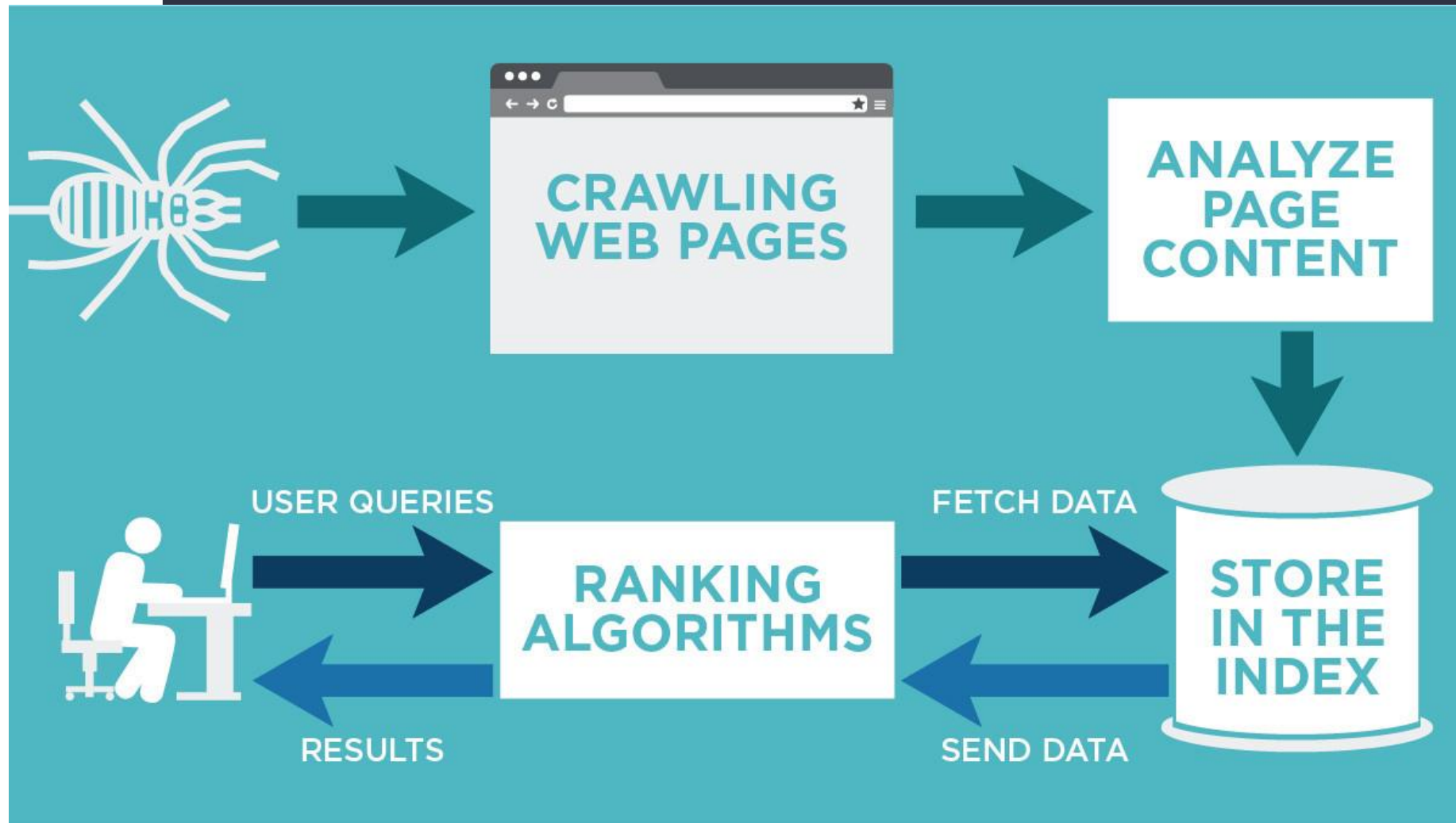
The 'body' element is selected, and the 'Styles' panel on the right shows the following styles:

- element.style** {  
margin: 0;
- body** {  
display: block;  
margin: 8px;
- Inherited from html**
- html** {  
color: -internal-root-color;

**PROBLEMA:  
O GOOGLE NÃO GOSTA**



# BUSCA DO GOOGLE





# Bootstrap

Build responsive, mobile-first projects on the web with the world's most popular front-end component library.

Bootstrap is an open source toolkit for developing with HTML, CSS, and JS. Quickly prototype your ideas or build your entire app with our Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful plugins built on jQuery.

[\*\*Get started\*\*](#)[\*\*Download\*\*](#)

Currently v4.3.1



# BOOTSTRAP

## Examples

Bootstrap includes several predefined button styles, each serving its own semantic purpose, with a few extras thrown in for more control.



```
<button type="button" class="btn btn-primary">Primary</button>
<button type="button" class="btn btn-secondary">Secondary</button>
<button type="button" class="btn btn-success">Success</button>
<button type="button" class="btn btn-danger">Danger</button>
<button type="button" class="btn btn-warning">Warning</button>
<button type="button" class="btn btn-info">Info</button>
<button type="button" class="btn btn-light">Light</button>
<button type="button" class="btn btn-dark">Dark</button>

<button type="button" class="btn btn-link">Link</button>
```

# BOOTSTRAP

- Bootstrap Grid System

COL-3				COL-3				COL-3				COL-3					
COL-4						COL-4						COL-4					
COL-6								COL-6									
COL-2			COL-2			COL-2			COL-2			COL-2			COL-2		
COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	COL-1	

# BOOTSTRAP

1 of 2

2 of 2

1 of 3

2 of 3

3 of 3

```
<div class="container">
  <div class="row">
    <div class="col">
      1 of 2
    </div>
    <div class="col">
      2 of 2
    </div>
  </div>
  <div class="row">
    <div class="col">
      1 of 3
    </div>
    <div class="col">
      2 of 3
    </div>
    <div class="col">
      3 of 3
    </div>
  </div>
</div>
```

# PROTÓTIPO 2

```
prototipo2 > <> index.html > ...
1  <!doctype html>
2  <html lang="pt-br">
3    <head>
4      <meta charset="utf-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
6      <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-1y2Bk63flLrLLMG0YnWaE14NDz6CQ8H8P4I1010L0Bt4kX8p+L778vFcrY4v8">
7      <title>Meu site</title>
8    </head>
9    <body>
10     <h1>Meu site!</h1>
11     <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAq9gEVQ9B" crossorigin="anonymous"></script>
12     <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js" integrity="sha384-Uh2iZ8Ey6N6D76Ec55hMNoNVpJVa1VoBt870pXTy6Re5SdPq6oeEyx2f6Au3Lz" crossorigin="anonymous"></script>
13     <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmYgye40PQJH2yDMf8+ipA6NprTNyUeG5B8Qz83e6hB1RPPb+W9Bc/PQ8oH"></script>
14   </body>
15 </html>
```



# PROTÓTIPO 2

← → ↻ ⓘ localhost:8000/prototipo2/ ☆ 📖 🛡️ 🛠️ ⚙️ 🔒 🔴 2 🗨️ ⋮

📁 Pessoal 📁 INFLOR 📁 Estudos 📁 Vitória 📁 AWS Analytics 📁 Vue 📁 Data science 📁 Projetos 📁 Explorar 📁 Livros 📁 PDA 📧 Gmail »

## Meu site!

🗨️ 📄 Elements Console Sources Network Performance Memory Application Security Audits ⋮ ✕

```
<!doctype html>
<html lang="pt-br">
  <head>...</head>
  <body cz-shortcut-listen="true">
...   <h1>Meu site!</h1> == $0
      <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
      <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-U02eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1c1HTMga3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>
      <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy60rQ6VrjIEaFf/njGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>
    </body>
  </html>
```

Styles Computed Event Listeners DOM Breakpoints Properties Accessibility

Filter :hov .cls +

```
element.style {
}

.h1, h1 {
  font-size: 2.5rem;
}

.h1, .h2, .h3, .h4, .h5, .h6, h1, h2, h3, h4, h5, h6 {
  margin-bottom: .5rem;
  font-weight: 500;
  line-height: 1.2;
}

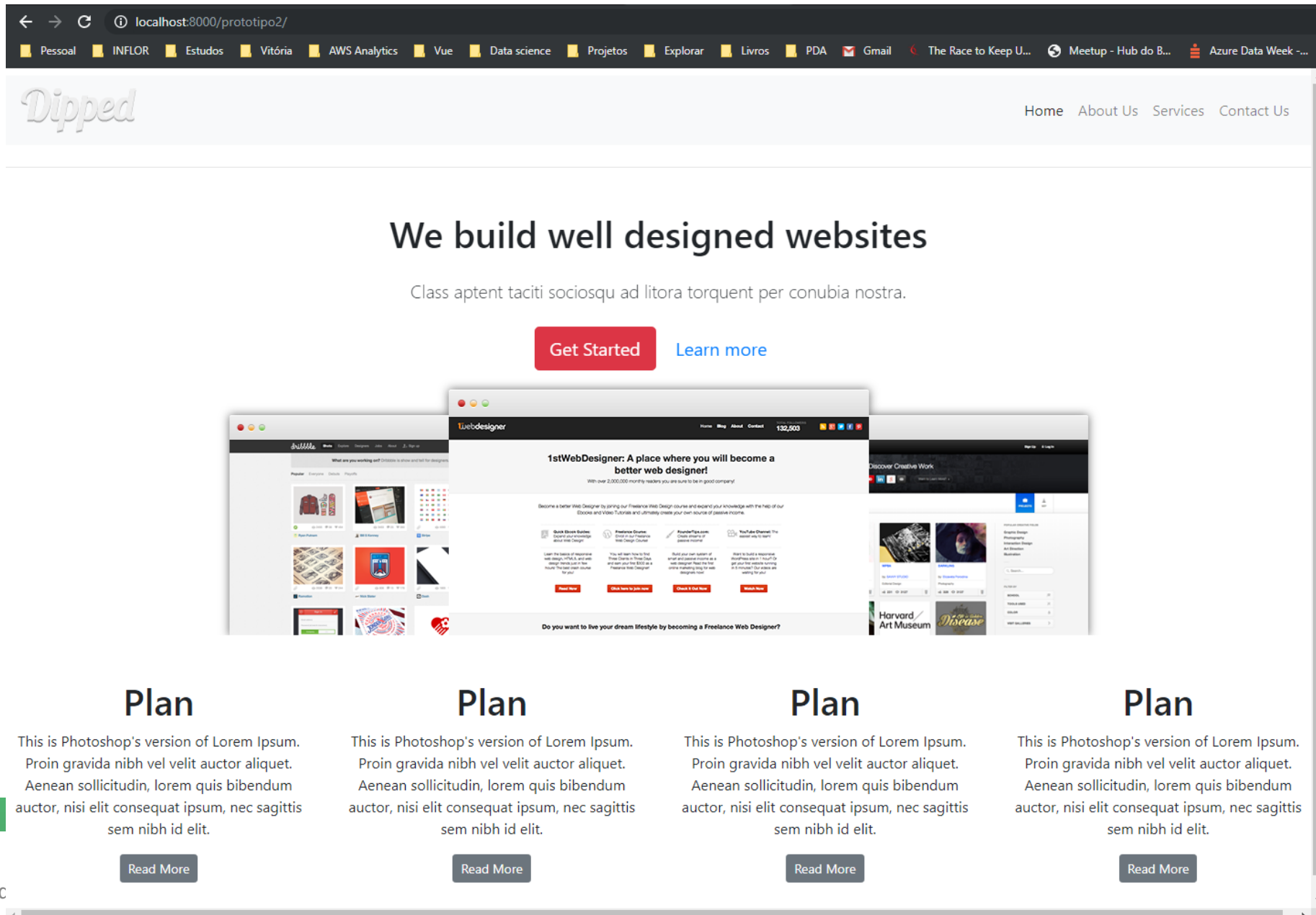
h1, h2, h3, h4, h5, h6 {
  margin-top: 0;
  margin-bottom: -.5rem;
}

*, ::after, ::before {
  box-sizing: border-box;
}

h1 {
  display: block;
  font-size: 2em;
  margin-block-start: 0.67em;
  margin-block-end: 0.67em;
  margin-inline-start: 0px;
  margin-inline-end: 0px;
  font-weight: bold;
}
```

user agent stylesheet

# PROTÓTIPO 2



# PROTÓTIPO 2

```
17 <nav class="navbar navbar-expand-lg navbar-light bg-light">
18   <a class="navbar-brand" href="#">
19     
20   </a>
21   <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNavAltMarkup"
22     aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-label="Toggle navigation">
23     <span class="navbar-toggler-icon"></span>
24   </button>
25   <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
26     <div class="navbar-nav ml-auto">
27       <a class="nav-item nav-link active" href="#">Home <span class="sr-only">(current)</span></a>
28       <a class="nav-item nav-link" href="#">About Us</a>
29       <a class="nav-item nav-link" href="#">Services</a>
30       <a class="nav-item nav-link" href="#">Contact Us</a>
31     </div>
32   </div>
33 </nav>
```

# PROTÓTIPO 2

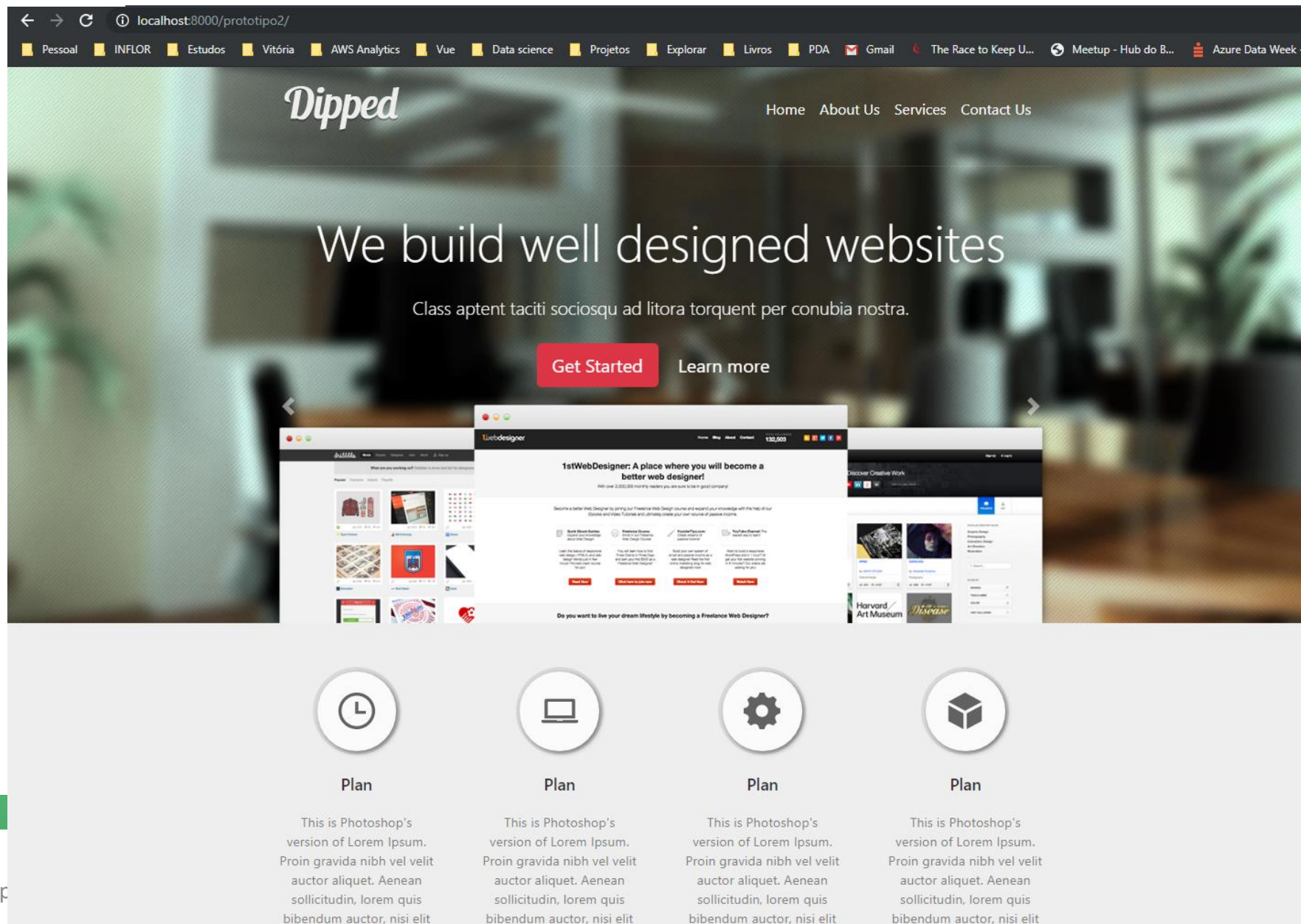
```
<div class="carousel-item active">
  <div class="mt-4">
    <h1>We build well designed websites</h1>
    <p class="lead my-4">Class aptent taciti sociosqu ad litora torquent per conubia nostra.</p>
    <a class="btn btn-danger btn-lg" href="#" role="button">Get Started</a>
    <a class="btn btn-link btn-lg" href="#" role="button">Learn more</a>
    <br>
    
  </div>
</div>
```

# PROTÓTIPO 2

```
<div class="row">
  <div class="col-sm">
    <div class="site-icon-outer">
      <div class="site-icon-inner d-flex align-items-center justify-content-center">
        <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24">
          <path
            d="M12 2c5.514 0 10 4.486 10 10s-4.486 10-10 10-10-4.486-10-10 4.486-10 10-10z"
          />
        </svg>
      </div>
    </div>
    <h1>Plan</h1>
    <p>This is Photoshop's version of Lorem Ipsum. Proin gravida nibh vel velit auctor aliquam  
sollicitudin, lorem quis bibendum auctor, nisi elit consequat ipsum, nec sagittis sem  
elit.</p>
    <button class="btn btn-secondary btn-sm">Read More</button>
  </div>
```



# PROTÓTIPO 3



# PROTÓTIPO 4

- Jinja e Django

