

# Universidad Tecnológica de Xicotepec de Juárez

Ingeniería en Desarrollo y Gestión de Software

Materia: Desarrollo de Dispositivos Inteligentes

Librería “AM Charts”.

Integrantes:

Elisama Arturo Calva Moreno M-200561

Eliel Díaz Galindo M-200327

Mariela González López M-181193

Fabrizio Guzmán Vite M-180610

Docente: MTI. Marco Antonio Ramírez

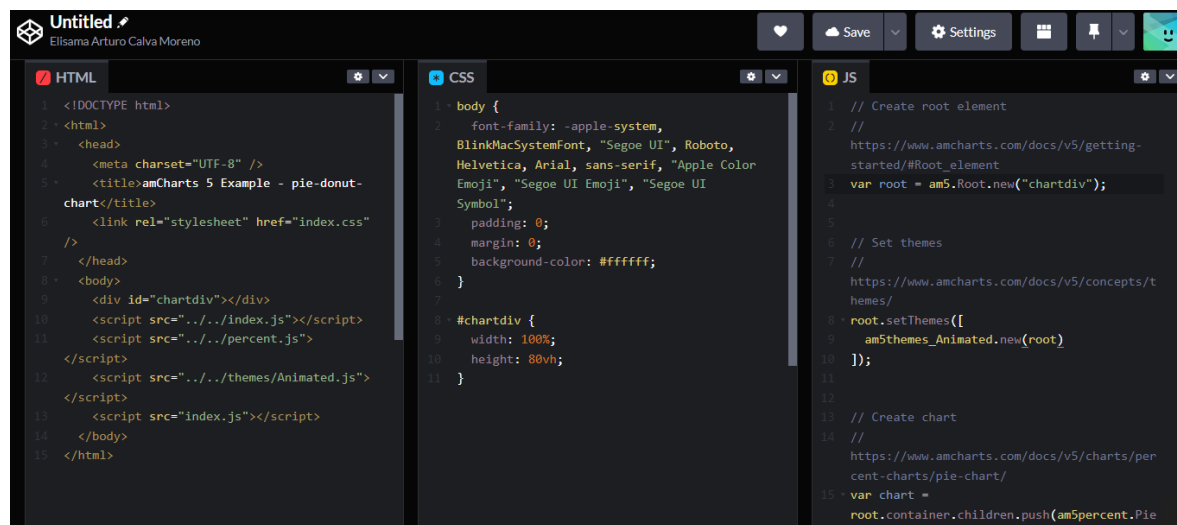
9° “A”

Mayo-Agosto 2023

## ¿Creación de la gráfica del entorno y desarrollo de la aplicación?

Para elegir el mejor gráfico para tu aplicación, es importante tener en cuenta los datos que quieres presentar y el propósito de la visualización.

Para la creación de nuestra grafica se utilizó el gráfico de rosquilla cada fragmento representa diferentes categorías o segmentos de datos, en este caso se realizo un ejemplo de nuestros roles de trabajo como FrontEnd, BackEnd, Documentación y Base de Datos ejemplo:

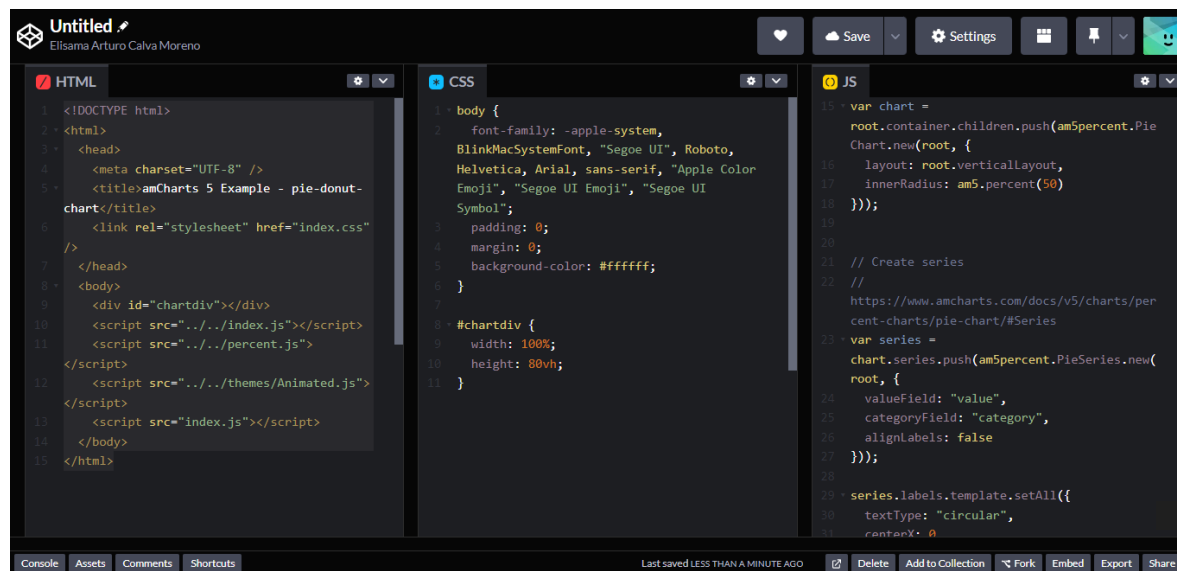


```

HTML
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8" />
5 <title>amCharts 5 Example - pie-donut-chart</title>
6 <link rel="stylesheet" href="index.css" />
7 </head>
8 <body>
9 <div id="chartdiv"></div>
10 <script src="../../index.js"></script>
11 <script src="../../percent.js"></script>
12 <script src="../../themes/Animated.js"></script>
13 <script src="index.js"></script>
14 </body>
15 </html>

CSS
1 body {
2   font-family: -apple-system,
3   BlinkMacSystemFont, "Segoe UI", Roboto,
4   Helvetica, Arial, sans-serif, "Apple Color
5   Emoji", "Segoe UI Emoji", "Segoe UI
6   Symbol";
7   padding: 0;
8   margin: 0;
9   background-color: #ffffff;
10 }
11 #chartdiv {
12   width: 100%;
13   height: 80vh;
14 }

JS
1 // Create root element
2 //
3 https://www.amcharts.com/docs/v5/getting-started/#Root_element
4 var root = am5.Root.new("chartdiv");
5
6 // Set themes
7 //
8 https://www.amcharts.com/docs/v5/concepts/themes/
9 root.setThemes([
10   am5themes_Animated.new(root)
11 ]);
12
13 // Create chart
14 //
15 https://www.amcharts.com/docs/v5/charts/percent-charts/pie-chart/
16 var chart =
17   root.container.children.push(am5percent.Pie
  
```



```

JS
15 var chart =
16   root.container.children.push(am5percent.Pie
17   Chart.new(root, {
18     layout: root.verticalLayout,
19     innerRadius: am5.percent(50)
20   }));
21 // Create series
22 //
23 https://www.amcharts.com/docs/v5/charts/percent-charts/pie-chart/#Series
24 var series =
25   chart.series.push(am5percent.PieSeries.new(
26   root, {
27     valueField: "value",
28     categoryField: "category",
29     alignLabels: false
30   }));
31 series.labels.template.setAll({
32   textType: "circular",
33   centerX: 0
  
```

Untitled

Elsama Arturo Calva Moreno

HTML

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta charset="UTF-8" />
5   <title>amCharts 5 Example - pie-donut-chart</title>
6   <link rel="stylesheet" href="index.css" />
7 </head>
8 <body>
9   <div id="chartdiv"></div>
10  <script src="../../index.js"></script>
11  <script src="../../percent.js"></script>
12  <script src="../../themes/Animated.js"></script>
13  <script src="index.js"></script>
14 </body>
15 </html>

```

CSS

```

1 body {
2   font-family: -apple-system,
3     BlinkMacSystemFont, "Segoe UI", Roboto,
4     Helvetica, Arial, sans-serif, "Apple Color
5     Emoji", "Segoe UI Emoji", "Segoe UI
6     Symbol";
7   padding: 0;
8   margin: 0;
9   background-color: #ffffff;
10 }
11 #chartdiv {
12   width: 100%;
13   height: 80vh;
14 }

```

JS

```

29 series.labels.template.setAll({
30   textType: "circular",
31   centerX: 0,
32   centerY: 0
33 });
34
35 series.ticks.template.setAll({
36   forceHidden: true
37 });
38
39 // Set data
40 //
41 https://www.amcharts.com/docs/v5/charts/per
42 cent-charts/pie-chart/#Setting_data
43 series.data.setAll([
44   { value: 10, category: "Front" },
45   { value: 9, category: "BackEnd" },
46   { value: 6, category: "BaseDeDatos" },
47   { value: 5, category: "Documentacion" },
48 ]);
49

```

Console

Assets

Comments

Shortcuts

Last saved LESS THAN A MINUTE AGO

Delete

Add to Collection

Fork

Embed

Export

Share

Untitled

Elsama Arturo Calva Moreno

HTML

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta charset="UTF-8" />
5   <title>amCharts 5 Example - pie-donut-chart</title>
6   <link rel="stylesheet" href="index.css" />
7 </head>
8 <body>
9   <div id="chartdiv"></div>
10  <script src="../../index.js"></script>
11  <script src="../../percent.js"></script>
12  <script src="../../themes/Animated.js"></script>
13  <script src="index.js"></script>
14 </body>
15 </html>

```

CSS

```

1 body {
2   font-family: -apple-system,
3     BlinkMacSystemFont, "Segoe UI", Roboto,
4     Helvetica, Arial, sans-serif, "Apple Color
5     Emoji", "Segoe UI Emoji", "Segoe UI
6     Symbol";
7   padding: 0;
8   margin: 0;
9   background-color: #ffffff;
10 }
11 #chartdiv {
12   width: 100%;
13   height: 80vh;
14 }

```

JS

```

49
50 // Create legend
51 //
52 https://www.amcharts.com/docs/v5/charts/per
53 cent-charts/legend-percent-series/
54 var legend =
55 chart.children.push(am5.Legend.new(root, {
56   centerX: am5.percent(50),
57   x: am5.percent(50),
58   marginTop: 15,
59   marginBottom: 15,
60 }));
61
62 legend.data.setAll(series.dataItems);
63
64 // Play initial series animation
65 //
66 https://www.amcharts.com/docs/v5/concepts/a
67 nimations/#Animation_of_series
68 series.appear(1000, 100);

```

Console

Assets

Comments

Shortcuts

Last saved LESS THAN A MINUTE AGO

Delete

Add to Collection

Fork

Embed

Export

Share

