



DOBRODOŠLI NA #2 RADIONICU

JavaScript u praksi



OSIJEK
SOFTWARE
{ITY_



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#CodeCamp

FACTORY U BROJKAMA



28

EMPLOYEES



2

OFFICES



100+

CLIENTS

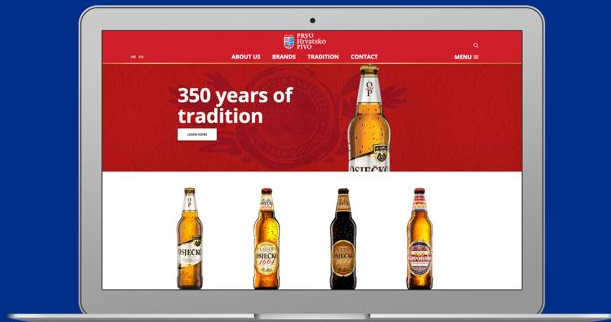
PROJEKTI

Index.me



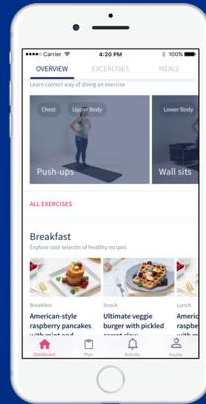
Najpopularnijem news portalu u Hrvatskoj, razvili smo mobilnu aplikaciju za još veće povezivanje sa svojim korisnicima

Osječka pivovara



Razvili smo web rješenje kako bi korisnici što prije došli do najdražeg piva

Sheypme



Mobilna aplikacija za startup koja sadrži personalizirane planove vježbanja i program jela

Sass

(Syntactically awesome
style sheets)

Sass

Style sheet jezik, open-source, kodiran u Ruby-u

Sass

dvije ekstenzije:

- .scss
- .sass

.SCSS

- Sassy CSS
- Sintaksa slična css-u
 - noviji

.sass

- Drugačija sintaksa (nestanje i indentacije)
 - stariji

Sass

Obje vrste pisanja se pretvaraju u .css

Sass

- varijable
- nestanje
- parcijali (dijelovi)
 - mixini
 - operatori

Varijable

```
$color: red;  
  
body {  
    background-color: $color;  
}
```

Nestanje

```
$font-size: 20px;  
  
ul {  
    li {  
        font-size: $font-size;  
    }  
}
```

Parcijali

```
_header.scss
```

```
_footer.sass
```

```
@import 'header';
```

```
@import 'footer';
```

Mixini

```
@mixin transform($arg) {  
    -webkit-transform: $arg;  
    -ms-transform: $arg;  
    transform: $arg;  
}  
  
.div {  
    @include transform(rotate(30deg));  
}
```

Operatori

```
.div {  
  width: 600px / 960px * 100%;  
}
```

Instalacija

```
npm install node-sass sass-loader mini-css-extract-plugin clean-webpack-plugin --save-dev
```


webpack.config.js x

```
1  const HtmlWebpackPlugin = require("html-webpack-plugin"); 1.1M (gzipped: 366.8K)
2  const MiniCssExtractPlugin = require("mini-css-extract-plugin"); 840.6K (gzipped: 256.5K)
3  const CleanWebpackPlugin = require('clean-webpack-plugin'); 53.8K (gzipped: 17.5K)
4  const path = require('path');
5
6  module.exports = (env, argv) => ({
7    entry: [
8      './src/index.js',
9    ],
10   output: {
11     path: path.resolve(__dirname, 'dist'),
12     filename: 'main.[hash].js'
13   },
```

```
module: {  
  rules: [  
    {  
      test: /\.html$/,  
      use: [  
        {  
          loader: "html-loader",  
          options: { minimize: false }  
        }  
      ]  
    },  
    {  
      test: /\.css$/,  
      use: [  
        argv.mode !== 'production' ? 'style-loader' : MiniCssExtractPlugin.loader,  
        'css-loader'  
      ]  
    },  
    {  
      test: /\.?(sc|sa)ss$/,  
      use: [  
        argv.mode !== 'production' ? 'style-loader' : MiniCssExtractPlugin.loader, //  
        "css-loader", // translates CSS into CommonJS  
        "sass-loader", // compiles Sass to CSS  
      ]  
    },  
  ],  
},  
},
```

```
42 plugins: [  
43   new HtmlWebpackPlugin({  
44     template: "./src/index.html",  
45     filename: "./index.html"  
46   }),  
47   new MiniCssExtractPlugin({  
48     filename: "[name].[hash].css",  
49     chunkFilename: "[id].[hash].css"  
50   }),  
51   new CleanWebpackPlugin(['dist/*.']), // Remove all files in dist folder  
52 ],  
53 devServer: {  
54   open: true,  
55   port: 3000,  
56   contentBase: './dist'  
57 },  
58 });  
59
```

Izvori

<https://www.npmjs.com/>

<https://webpack.js.org/>

<https://sass-lang.com/guide>

TRAŽITE PRAKSU?



BACKEND
DEVELOPER



**WORDPRESS
DEVELOPER**



FRONTEND
DEVELOPER

prijavi se na **factory.hr/jobs**

Kontakti: alen.egredzija@factory.hr

<http://factory.hr/blog/>

<https://github.com/factoryhr/education> - materijali za učenje

Pitanja?

Razlika između .sass i .scss ekstenzije?

Za što koristimo 'clean-webpack-plugin'?

Iz kojeg razloga dolazi do browser 'cache-inga'?

Priprema za sljedeću radionicu

Pogledati ES6 (ECMAScript 2015) sintaksu i BABEL Transpiler.