

Vežbe Bootstrap Master

1/ Koncepti Bootstrap-a:

- HTML5
- UI kastomizacija
- Bootstrap Framework (okvir)
- **Grid sistem** sa 12 kolona
- Bootstrap komponente
- Bootstrap vidžeti (carousel, Tabs, ...)
- Forme, Liste, Tabele, ...
- Responzivni Media Query
- LESS i SaSS CSS pre-procesori

2/ Šta je Bootstrap?

- Moćan front-end *framework* koji koristi HTML5 i CSS za kreiranje veb sajtova, templejta i UI komponenti
- Uključuje i Javascript u vidžete kao što su tabovi, karusel, *accordion* menije...
- Open Source od Avgusta 2011

3/ Zašto koristi Bootstrap?

- VELIKA ušteda vremena pri razvoju
- Responzivni layout-ovi
- Lak za korišćenje
- Predefinisani Code Snippet-i
- Kompatibilnost sa *browser*-ima
- Open Source i BESPLATAN

4/ Struktura fajlova u *Bootstrap-u*:

bootstrap/

css/

bootstrap.css

bootstrap.min.css

bootstrap-theme.css

bootstrap-theme.min.css

js/

bootstrap.js

bootstrap.min.js

fonts/

glyphicon-halflings-regular.eot

glyphicon-halflings-regular.svg

glyphicon-halflings-regular.ttf

glyphicon-halflings-regular.woff

5/ Napraviti osnovni Bootstrap templejt

- Na sajtu <http://getbootstrap.com/getting-started/#download> skinuti Bootstrap

Download

Bootstrap (currently v3.3.7) has a few easy ways to quickly get started, each one appealing to a different skill level and use case. Read through to see what suits your particular needs.

Bootstrap

Compiled and minified CSS, JavaScript, and fonts. No docs or original source files are included.

Download Bootstrap



Source code

Source Less, JavaScript, and font files, along with our docs. **Requires a Less compiler and some setup.**

Download source

Sass

Bootstrap ported from Less to Sass for easy inclusion in Rails, Compass, or Sass-only projects.

Download Sass

- ili *import*-ovati preko linka u html fajl

Bootstrap CDN

The folks over at [MaxCDN](#) graciously provide CDN support for Bootstrap's CSS and JavaScript. Just use these [Bootstrap CDN](#) links.

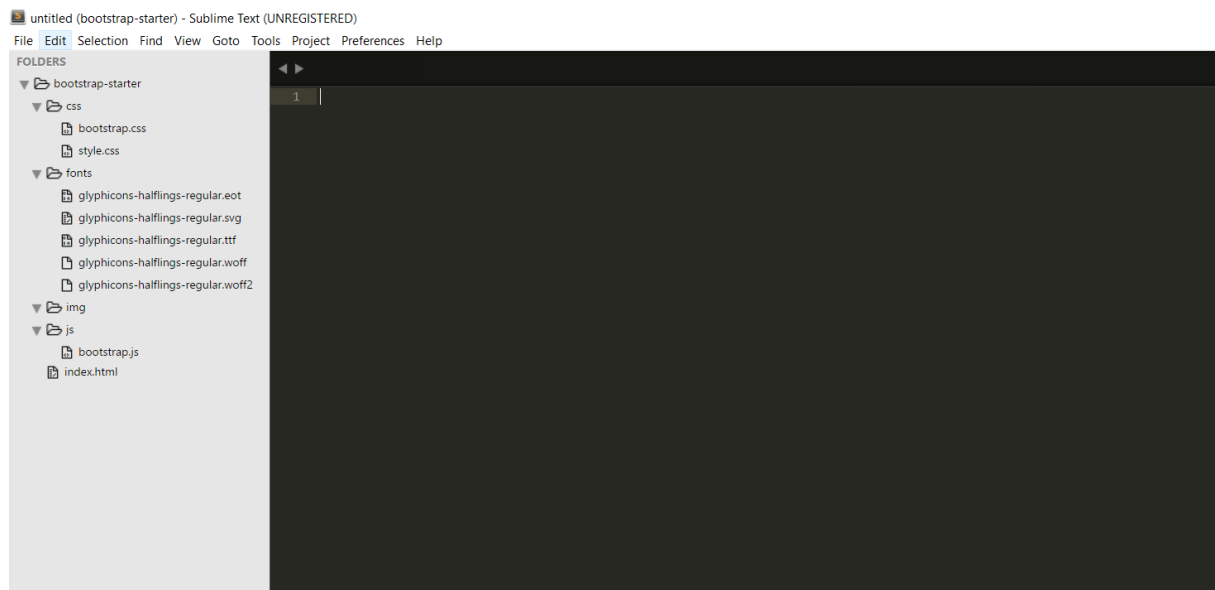
```
<!-- Latest compiled and minified CSS -->
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"
integrity="sha384-BVviiSiFek1dGm7RAkyCuHAHRg320mUcw7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

<!-- Optional theme -->
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-theme.min.css"
integrity="sha384-rHyoNiirsVXV4nD0JutlnGaslCJuC7uwjduw9SVrLvRYooPp2bWYgmg3QIXw1/Sp" crossorigin="anonymous">

<!-- Latest compiled and minified JavaScript -->
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js" integrity="sha384-
Tc5Ib027qvyjSMFhJ0HaLkfuWVxZxUPnC3A712mCNiP69mGCD8wGNIcPD7Txa" crossorigin="anonymous"></script>
```

Copy

- Raspakovati *zip* folder i u svoj novi napravljeni folder prekopirati foldere *css*, *js* i *fonts*.
- U folderu *css* ostaviti samo fajl *bootstrap.css* ali objasniti i čemu služi *bootstrap.min.js* (to je fajl bez komentara, enter-a i slično, manja mu je veličina, brže se učitava). Napraviti jedan dodatni fajl *style.css* koji će nam služiti za eventualne prepravke i slično 😊
- U folderu *js* takođe ostaviti samo *bootstrap.js* ali kao što je gore navedeno objasniti čemu služi onaj drugi
- Napraviti u *root* folderu jedan folder *img* u kojem ćemo sve slike da čuvamo
- Takođe u *root* folderu napravi jednu stranicu *index.html*
- Ceo folder otvoriti u *Sublime* tekst editor. Posle ovog koraka struktura je sledeća:



- u fajlu *index.html* kopirati sledeći osnovni kod :

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Starter Template for Bootstrap</title>

    <!-- Bootstrap core CSS -->
    <link href="css/bootstrap.css" rel="stylesheet">

    <!-- IE10 viewport hack for Surface/desktop Windows 8 bug -->
    <link href="../../assets/css/ie10-viewport-bug-workaround.css" rel="stylesheet">

    <!-- Custom styles for this template -->
    <link href="style.css" rel="stylesheet">
  </head>

  <body>

    <nav class="navbar navbar-inverse navbar-fixed-top">
      <div class="container">
        <div class="navbar-header">
          <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
          </button>
          <a class="navbar-brand" href="#">Project name</a>
        </div>
        <div id="navbar" class="collapse navbar-collapse">
          <ul class="nav navbar-nav">
            <li class="active"><a href="#">Home</a></li>
```

```

        <li><a href="#about">About</a></li>
        <li><a href="#contact">Contact</a></li>
    </ul>
</div><!--/.nav-collapse -->
</div>
</nav>

<section>

</section>

<!-- Bootstrap core JavaScript
===== -->
<!-- Placed at the end of the document so the pages load faster -->
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
<script src="js/bootstrap.js"></script>

</body>
</html>

```

- U fajlu *style.css* kopirati sledeći kod :

```
body {
  padding-top: 50px;
}
```

6/ napraviti veb prezentaciju za prodaju mobilnih telefona

- Dodati folder *design* u root folderu
- U fajlu *index.html* u *nav* tagu prepraviti klasu *navbar-inverse* u *navbar-default* da bismo dobili beli navbar:

```
<nav class="navbar navbar-default navbar-fixed-top">
```

- Klase a tag-a prepraviti u sledeći kod i pokazati da možete da dodajete vase klase u vaš *style.css*:

```
<a class="navbar-brand em-text" href="#">Gamma</a>
```

- U *style.css* dodati:

```
.em-text {
  color: #1caa98 !important;
}
```

- Ukucati posle zatvorenog *nav* taga sledeći kod:

```
<div class="jumbotron">
  <h1>Hello, world!</h1>
  <p>...</p>
  <p><a class="btn btn-primary btn-lg" href="#" role="button">Learn more</a></p>
</div>
```

- Tagove *h1* i ispod njega dva *p* tag-a obuhvatiti *div*-om sa klasom *container* koji ima već predefinisane margine u *bootstrap*-u, posle izmena kod izgleda ovako:

```
<div class="jumbotron">
  <div class="container">
    <h1>Hello, world!</h1>
    <p>...</p>
    <p><a class="btn btn-primary btn-lg" href="#" role="button">Learn more</a></p>
  </div>
</div>
```

- Otvoriti sledeći link i objasniti GRID SISTEM (veoma bitno!!!)
<http://getbootstrap.com/css/#grid>
- Unutar *div*-a sa klasom *jumbotron*, pa unutar kontejnera obrisati sve i upisati:

```
<div class="row">
  <div class="col-md-6">
    <h1>Capture <span class="em-text">Life</span></h1>
    <p>A fun and easy way to capture and share the moments you live for</p>
    <a href="#"></a>
```

```

        <a href="#"></a>
    </div>
    <div class="col-md-6">
        
    </div>
</div>

```

- U style.css dodaćemo sledeći kod:

```

.jumbotron{
    background: #1B222A url(../img/jumbotron_bg.jpg) no-repeat top center;
    color: white;
    height: 500px;
    overflow: none;
}

.jumbotron h1{
    margin-top: 60px;
}

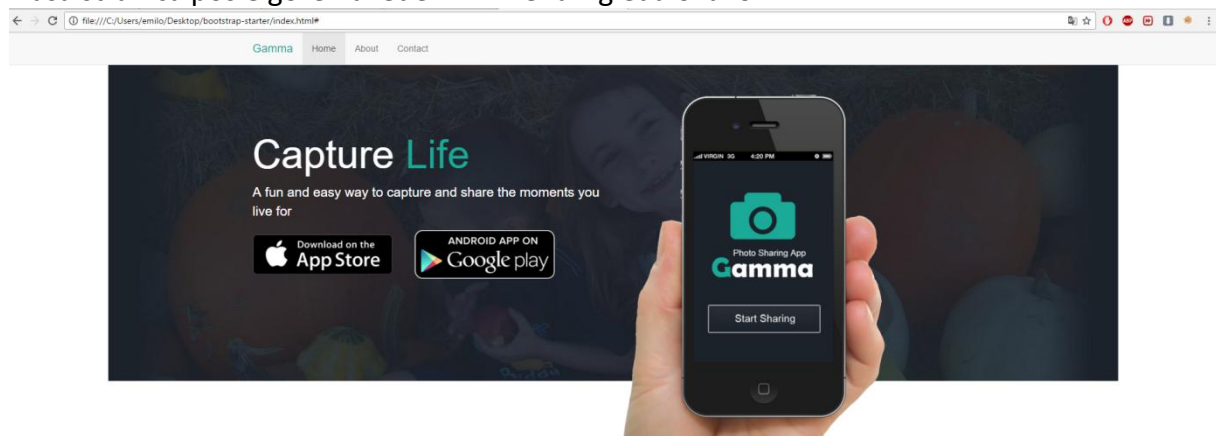
.jumbotron .app-btn {
    width: 40%;
    margin-right: 30px;
}

.jumbotron .showcase-img{
    width: 75%;
}

```

Dodali smo gornju marginu marginu za h1 tag, zatim dali širinu od 40% svakoj od slika za appstore i google play i napravili klasu showcase-img. Sve nove klase koje definišemo dodajemo upravo u ovom fajlu (*style.css*). Sve veličine za širinu i visinu definišemo u procentima upravo zbog respozivnosti !.

Naša stranica posle gore navedenih izmena izgleda ovako:



- sada hoćemo da napravimo središni deo našeg sajta koji će biti podeljen u tri kolone i sadržati svati po sliku. Kao što smo prethodno uradili to ćemo uraditi unutar jednog

div-a sa klasom *container* a unutar tog div-a ćemo dodati jedan div sa klasom *row*. Pošto mi hoćemo tri kolone napravićemo tri diva sa širinom od 4 kolone (jer $12/3=4$!). Ispod div-a sa klasom *jumbotron* dodajemo sledeći kod:

```
<section id="middle">
  <div class="container">
    <div class="row">
      <div class="col-md-4">

      </div>
      <div class="col-md-4">

      </div>
      <div class="col-md-4">

      </div>
    </div>
  </div>
</section>
```

- kada popunimo svaki div koji je širine 4 kolone sa slikom, tekstom i dugmetom, kod izgleda ovako:

```
<section id="middle">
  <div class="container">
    <div class="row">
      <div class="col-md-4">
        
        <h2>Lorem ipsum</h2>
        <p>Lorem Ipsum is simply dummy text of the printing and typesetting industry.
        Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an
        unknown printer took a galley of type and scrambled it to make a type specimen book</p>
        <a href="#" class="btn btn-default">Read more</a>
      </div>
      <div class="col-md-4">
        
        <h2>Lorem ipsum</h2>
        <p>Lorem Ipsum is simply dummy text of the printing and typesetting industry.
        Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an
        unknown printer took a galley of type and scrambled it to make a type specimen book</p>
        <a href="#" class="btn btn-default">Read more</a>
      </div>
      <div class="col-md-4">
        
        <h2>Lorem ipsum</h2>
        <p>Lorem Ipsum is simply dummy text of the printing and typesetting industry.
        Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an
        unknown printer took a galley of type and scrambled it to make a type specimen book</p>
        <a href="#" class="btn btn-default">Read more</a>
      </div>
    </div>
  </div>
```

```
</div>
</section>
```

- u *style.css* dodajemo sledeći kod:

```
section{
    padding: 40px 0 40px 0;
}

.demo{
    width: 100%;
    padding: 3px;
    border: 1px solid #ccc;
}
```

Zašto smo kod `a` tag-a koristili klase *btn* i *btn-default*, otvorite sledeći link <http://getbootstrap.com/components/#btn-dropdowns-single> i vidimo da ukoliko hoćemo jedno dugme bele boje, određenom tag-u dodajemo klase *btn* i *btn-default*.

Single button dropdowns

Turn a button into a dropdown toggle with some basic markup changes.

EXAMPLE

Default ▾

Primary ▾

Success ▾

Info ▾

Warning ▾

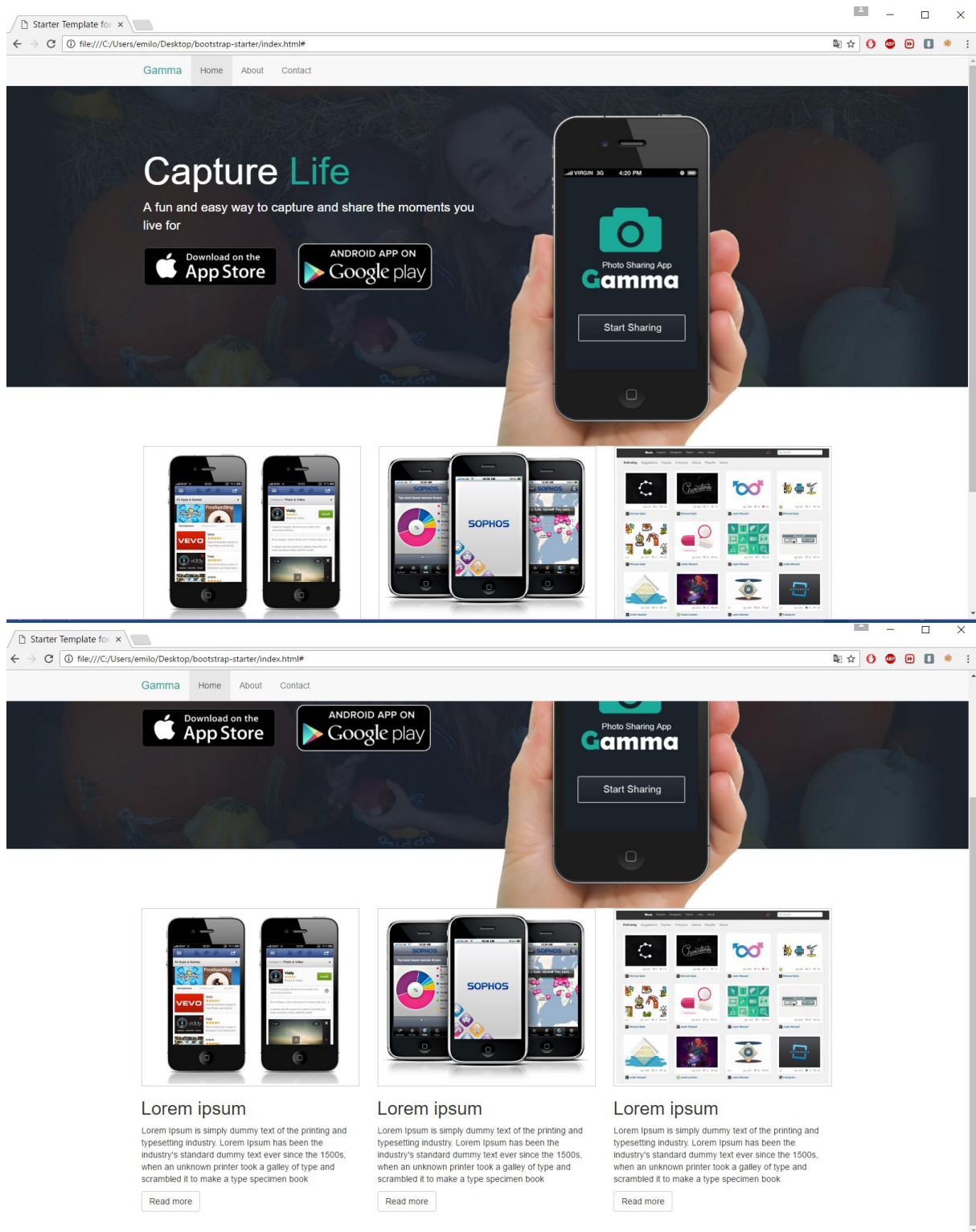
Danger ▾

```
<!-- Single button -->
<div class="btn-group">
  <button type="button" class="btn btn-default dropdown-toggle" data-toggle="dropdown" aria-haspopup="true"
  aria-expanded="false">
    Action <span class="caret"></span>
  </button>
  <ul class="dropdown-menu">
    <li><a href="#">Action</a></li>
    <li><a href="#">Another action</a></li>
    <li><a href="#">Something else here</a></li>
    <li role="separator" class="divider"></li>
    <li><a href="#">Separated link</a></li>
  </ul>
</div>
```

Copy

Kao što vidimo da smo hteli dugme plave boje koristili bi klasu *btn-primary*, da nam je trebalo crveno dugme bila bi klasa *btn-danger* i slično.

Posle sledećih izmena izgled našeg sajta je sledeći:



- dodaćemo još jedan *section* sa id-em *feature* i tu ćemo objasniti pojam *offset*-a za kolone odnosno kad hoćemo da pomerimo u levo ili u desno neki *div* a da ne izgubimo responzivnost. Otvorite sledeći link i objasnite koncept kroz pokazivanje primera sa sajta <http://getbootstrap.com/css/#grid-offsetting>

<section id="feature">

```

<div class="container">
  <div class="row">
    <div class="col-md-4 col-md-offset-1">
      <h1>Gamma features</h1>
      <ul>
        <li><i class="glyphicon glyphicon-ok"></i>Prvo svojstvo</li>
        <li><i class="glyphicon glyphicon-ok"></i>Drugo svojstvo</li>
        <li><i class="glyphicon glyphicon-ok"></i>Treće svojstvo</li>
        <li><i class="glyphicon glyphicon-ok"></i>Četvrto svojstvo</li>
      </ul>
    </div>
    <div class="col-md-4 col-md-offset-2">
      
    </div>
  </div>
</div>

</section>

```

U *style.css* dodajemo sledeći kod:

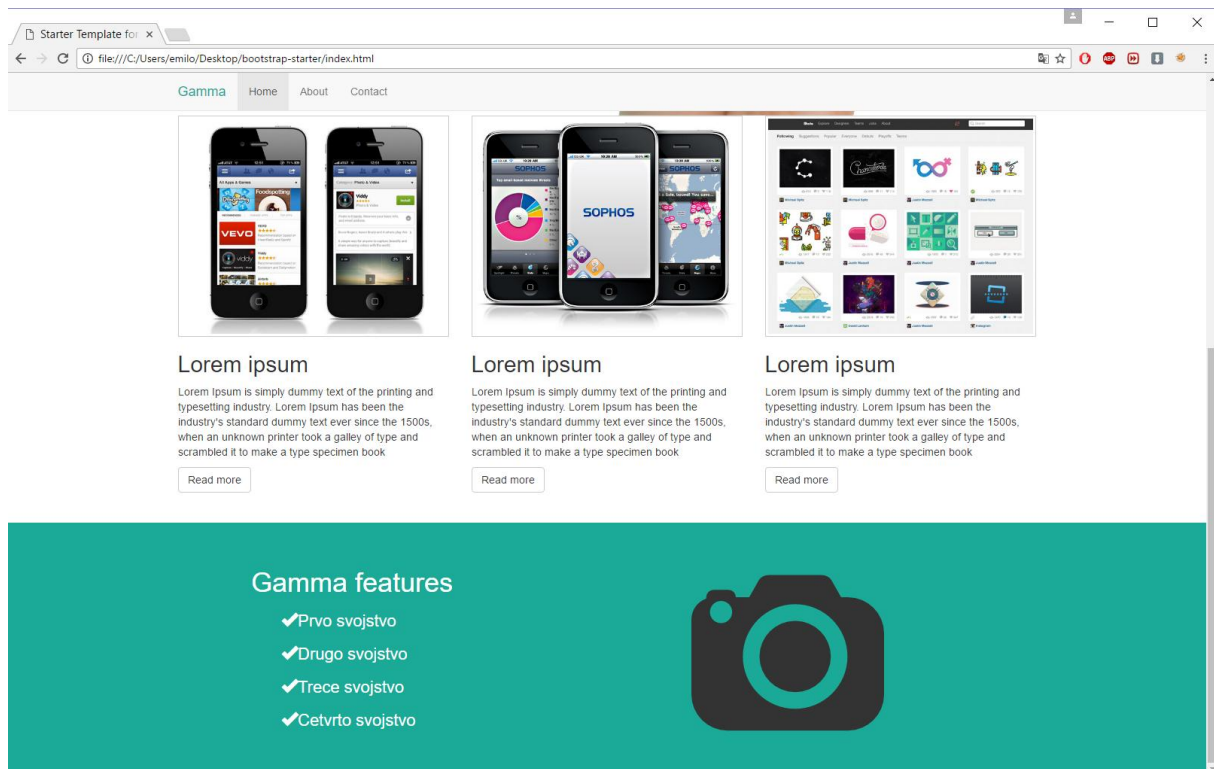
```

#feature {
  background: #1caa98;
  color: #fff;
  padding: 40px;
  overflow: auto;
}

#feature ul li {
  font-size: 22px;
  list-style: none;
  line-height: 2em;
}

```

Kao što možemo da primetimo kod li tag-a smo dodali jedan i tag sa određenom klasom *glyphicon glyphicon-ok* to je zapravo sličica koja se koristi kao *bullet* za sve elemente liste. Posetite sledeći link i pokažite sve što postoji <http://getbootstrap.com/components/#glyphicons> . Nakon ovih izmena taj deo sajta izgleda kao na slici:



- ostao je još samo deo za footer

```
<footer>
  <div class="container">
    <div class="row">
      <div class="col-md-6">
        <ul>
          <li><a href="#">Home</a></li>
          <li><a href="#">About</a></li>
          <li><a href="#">Contact</a></li>
          <li><a href="#">Privacy policy</a></li>
        </ul>
      </div>
      <div class="col-md-6">
        <p>Copyright &copy; 2016 Elab Tim</p>
      </div>
    </div>
  </div>
</footer>
```

U style.css dodajemo sledeći deo:

```
footer {
  background: #333;
  color: #fff;
  padding: 30px 0 20px 0;
}
```

```

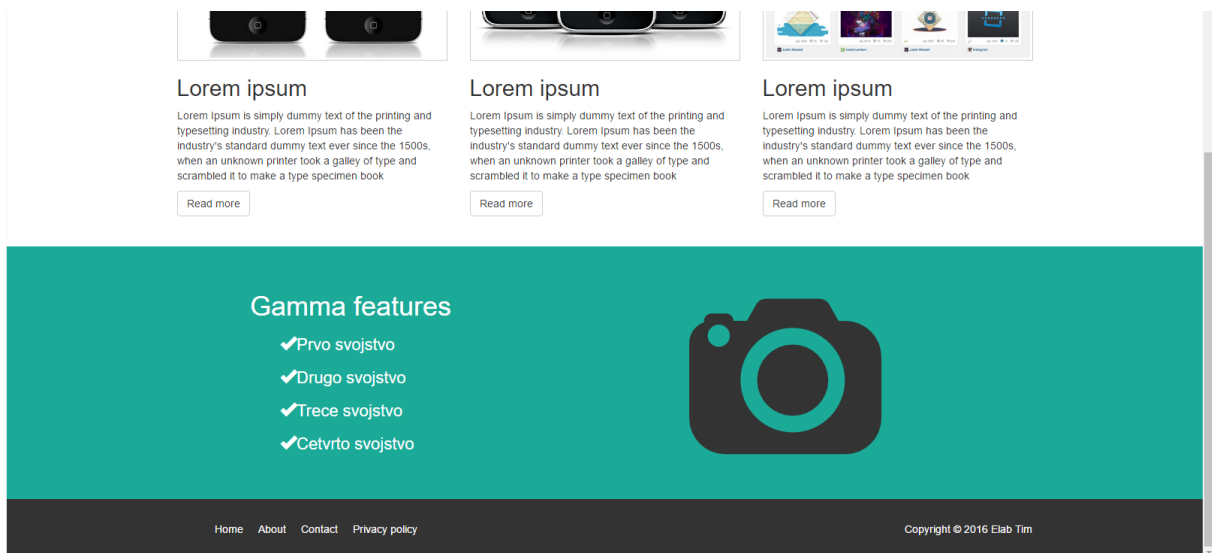
footer li {
  float: left;
  padding: 0 10px 0 10px;
  list-style: none;
}

footer a {
  color: #fff;
}

footer p {
  float: right;
}

```

Izgled tog dela sajta posle ovih izmena je sledeći:



- još jedna bitna stvar koju treba obraditi jesu media queries (oni služe za prilagođavanje raznim veličinama ekrana, i može se za svaku rezoluciju i veličinu ekrana definisati posebno ponašanje, npr: kad se prikazuje na telefonu neki određen sadržaj se može *hide*-ovati) posetiti sledeći link: <http://getbootstrap.com/css/#grid-media-queries>

definisaćemo ponašanje na velikim širinama ekrana, na telefonima i tabletima. Kako bismo to postigli dodajemo sledeći kod u *style.css*:

```
/* MEDIA QUERIES */
```

```

@media (min-width: 1200px) {
  .jumbotron img.showcase-img {
    width: 61%;
    margin: 5px 0 0 40px;
  }
}

@media (max-width: 991px) {
  .showcase-img {

```

Ovde smo rekli da kada je širina najmanje 1200px, slika koja se nalazi u *jumbotron* ima širinu 61 posto i dodajemo joj margine. Zatim kada je širina najviše 991px, slika sa klasom *.showcase-img* se neće prikazivati!

```

        display:none;
    }
}

@media(min-width: 768px) and (max-width: 990px) {
    .jumbotron img.app-btn{
        width:30%;
    }

    .jumbotron{
        height:400px !important;
        background-size:100% 100%;
    }

    .jumbotron h1{
        margin-top:10px;
    }
}

@media(max-width: 768px) {
    .jumbotron{
        height:350px !important;
        background-size:100% 100%;
    }

    .jumbotron h1{
        margin-top:10px;
    }
}

@media(max-width: 500px) {
    .jumbotron{
        height:450px !important;
        background-image:none;
        text-align: center;
    }

    .jumbotron img.app-btn{
        width:60%;
        margin:0 auto 30px auto;
        display:block;
    }

    section#feature ul li{
        font-size: 19px !important;
    }

    footer p{
        float:none;
        text-align: center;
        padding-top:20px;
    }
}

```

Ovaj *media query* definišemo za male ekrane kao što su tableti ili neki telefoni s malo većim ekranom. Tu su sličice iz jumbotrona smanjena na širinu 30 posto i takođe na ceo *jumbotron* data visina koja iznosi 400px. Na naslovima h1 je dodata gornja margina od 10px

Od ovog dela pa nadalje, sve se tiče optimizacije za male ekrane telefona kao što su iPhone 5s i slično!

- u prilogu su date i stranice *about.html* i *contact.html*, linkovati ih i samo zameniti klasu *active* kod odgovarajućeg taga *li* u navigaciji (da bi se određeni tab navigacije prikazivao nešto tamnije u odnosu na druge što označava da ste baš na toj stranici!)

Kompletan html:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Starter Template for Bootstrap</title>

    <!-- Bootstrap core CSS -->
    <link href="css/bootstrap.css" rel="stylesheet">

    <!-- Custom styles for this template -->
    <link href="css/style.css" rel="stylesheet">
  </head>

  <body>

    <nav class="navbar navbar-default navbar-fixed-top">
      <div class="container">
        <div class="navbar-header">
          <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
          </button>
          <a class="navbar-brand em-text" href="#">Gamma</a>
        </div>
        <div id="navbar" class="collapse navbar-collapse">
          <ul class="nav navbar-nav">
            <li class="active"><a href="#">Home</a></li>
            <li><a href="#about">About</a></li>
            <li><a href="#contact">Contact</a></li>
          </ul>
        </div><!--/.nav-collapse -->
      </div>
    </nav>

    <div class="jumbotron">
      <div class="container">
        <div class="row">
          <div class="col-md-6">
            <h1>Capture <span class="em-text">Life</span></h1>
            <p>A fun and easy way to capture and share the moments you live for</p>
            <a href="#"></a>
            <a href="#"></a>
          </div>
          <div class="col-md-6">
            
          </div>
        </div>
      </div>
    </div>
```

```

    </div>
  </div>

  <section id="middle">
    <div class="container">
      <div class="row">
        <div class="col-md-4">
          
          <h2>Lorem ipsum</h2>
          <p>Lorem Ipsum is simply dummy text of the printing and typesetting industry.
          Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an
          unknown printer took a galley of type and scrambled it to make a type specimen book</p>
          <a href="#" class="btn btn-default">Read more</a>
        </div>
        <div class="col-md-4">
          
          <h2>Lorem ipsum</h2>
          <p>Lorem Ipsum is simply dummy text of the printing and typesetting industry.
          Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an
          unknown printer took a galley of type and scrambled it to make a type specimen book</p>
          <a href="#" class="btn btn-default">Read more</a>
        </div>
        <div class="col-md-4">
          
          <h2>Lorem ipsum</h2>
          <p>Lorem Ipsum is simply dummy text of the printing and typesetting industry.
          Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an
          unknown printer took a galley of type and scrambled it to make a type specimen book</p>
          <a href="#" class="btn btn-default">Read more</a>
        </div>
      </div>
    </div>
  </section>

  <section id="feature">
    <div class="container">
      <div class="row">
        <div class="col-md-4 col-md-offset-1">
          <h1>Gamma features</h1>
          <ul>
            <li><i class="glyphicon glyphicon-ok"></i>Prvo svojstvo</li>
            <li><i class="glyphicon glyphicon-ok"></i>Drugo svojstvo</li>
            <li><i class="glyphicon glyphicon-ok"></i>Trece svojstvo</li>
            <li><i class="glyphicon glyphicon-ok"></i>Cetvrto svojstvo</li>
          </ul>
        </div>
        <div class="col-md-4 col-md-offset-2">
          
        </div>
      </div>
    </div>
  </section>

```



```

<footer>
  <div class="container">
    <div class="row">
      <div class="col-md-6">
        <ul>
          <li><a href="#">Home</a></li>
          <li><a href="#">About</a></li>
          <li><a href="#">Contact</a></li>
          <li><a href="#">Privacy policy</a></li>
        </ul>
      </div>
      <div class="col-md-6">
        <p>Copyright &copy; 2016 Elab Tim</p>
      </div>
    </div>
  </div>
</footer>

<!-- Bootstrap core JavaScript
===== -->
<!-- Placed at the end of the document so the pages load faster -->
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
<script src="js/bootstrap.js"></script>

</body>
</html>

```

About stranica :

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Gamma: About</title>
    <!-- Bootstrap core CSS -->
    <link href="css/bootstrap.css" rel="stylesheet">
    <!-- Custom styles for this template -->
    <link href="css/style.css" rel="stylesheet">
  </head>

  <body>
    <nav class="navbar navbar-default navbar-fixed-top">
      <div class="container">
        <div class="navbar-header">
          <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
            <span class="sr-only">Toggle navigation</span>

```

```

        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
    </button>
    <a class="navbar-brand em-text" href="index.html">Gamma</a>
</div>
<div id="navbar" class="collapse navbar-collapse">
    <ul class="nav navbar-nav">
        <li><a href="index.html">Home</a></li>
        <li class="active"><a href="about.html">About</a></li>
        <li><a href="contact.html">Contact</a></li>
    </ul>
</div><!--/.nav-collapse -->
</div>
</nav>

<section id="title-bar">
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <h1>About Gamma</h1>
            </div>
        </div>
    </div>
</section>

<section id="about">
    <div class="container">
        <div class="row">
            <div class="col-md-8">
                <h2>Lorem Ipsum</h2>
                <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. In convallis sapien
                risus, ut blandit ipsum fringilla a. Donec ullamcorper sem non maximus feugiat. Fusce
                lectus libero, blandit id cursus nec, viverra quis nulla. Curabitur nibh ante, iaculis
                eget est a, varius hendrerit nulla. Suspendisse blandit, purus nec iaculis semper, eros
                lorem pharetra lorem, tempor blandit velit magna eget ligula. Donec venenatis est luctus
                elit suscipit facilisis. Proin orci elit, semper id mattis in, ullamcorper ac risus. Ut
                aliquet enim at lorem rutrum vulputate. Aenean eu tellus congue, tincidunt sem et,
                molestie enim. Proin luctus lacus consequat dolor posuere vulputate.</p>
                <br>
                <div class="panel-group" id="accordion" role="tablist" aria-
                multiselectable="true">
                    <div class="panel panel-default">
                        <div class="panel-heading" role="tab" id="headingOne">
                            <h4 class="panel-title">
                                <a data-toggle="collapse" data-parent="#accordion" href="#collapseOne"
                                aria-expanded="true" aria-controls="collapseOne">
                                    Collapsible Group Item #1
                                </a>
                            </h4>
                        </div>
                        <div id="collapseOne" class="panel-collapse collapse in" role="tabpanel"
                        aria-labelledby="headingOne">

```

```
<div class="panel-body">
```

Anim pariatur cliche reprehenderit, enim eiusmod high life accusamus terry richardson ad squid. 3 wolf moon officia aute, non cupidatat skateboard dolor brunch. Food truck quinoa nesciunt laborum eiusmod. Brunch 3 wolf moon tempor, sunt aliqua put a bird on it squid single-origin coffee nulla assumenda shoreditch et. Nihil anim keffiyeh helvetica, craft beer labore wes anderson cred nesciunt sapiente ea proident. Ad vegan excepteur butcher vice lomo. Leggings occaecat craft beer farm-to-table, raw denim aesthetic synth nesciunt you probably haven't heard of them accusamus labore sustainable VHS.

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="panel panel-default">
```

```
<div class="panel-heading" role="tab" id="headingTwo">
```

```
<h4 class="panel-title">
```

```
<a class="collapsed" data-toggle="collapse" data-parent="#accordion" href="#collapseTwo" aria-expanded="false" aria-controls="collapseTwo">
```

Collapsible Group Item #2

```
</a>
```

```
</h4>
```

```
</div>
```

```
<div id="collapseTwo" class="panel-collapse collapse" role="tabpanel" aria-labelledby="headingTwo">
```

```
<div class="panel-body">
```

Anim pariatur cliche reprehenderit, enim eiusmod high life accusamus terry richardson ad squid. 3 wolf moon officia aute, non cupidatat skateboard dolor brunch. Food truck quinoa nesciunt laborum eiusmod. Brunch 3 wolf moon tempor, sunt aliqua put a bird on it squid single-origin coffee nulla assumenda shoreditch et. Nihil anim keffiyeh helvetica, craft beer labore wes anderson cred nesciunt sapiente ea proident. Ad vegan excepteur butcher vice lomo. Leggings occaecat craft beer farm-to-table, raw denim aesthetic synth nesciunt you probably haven't heard of them accusamus labore sustainable VHS.

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="panel panel-default">
```

```
<div class="panel-heading" role="tab" id="headingThree">
```

```
<h4 class="panel-title">
```

```
<a class="collapsed" data-toggle="collapse" data-parent="#accordion" href="#collapseThree" aria-expanded="false" aria-controls="collapseThree">
```

Collapsible Group Item #3

```
</a>
```

```
</h4>
```

```
</div>
```

```
<div id="collapseThree" class="panel-collapse collapse" role="tabpanel" aria-labelledby="headingThree">
```

```
<div class="panel-body">
```

Anim pariatur cliche reprehenderit, enim eiusmod high life accusamus terry richardson ad squid. 3 wolf moon officia aute, non cupidatat skateboard dolor brunch. Food truck quinoa nesciunt laborum eiusmod. Brunch 3 wolf moon tempor, sunt aliqua put a bird on it squid single-origin coffee nulla assumenda shoreditch et. Nihil anim keffiyeh helvetica, craft beer labore wes anderson cred nesciunt sapiente ea proident. Ad vegan excepteur butcher vice lomo. Leggings occaecat craft beer farm-to-table, raw denim

aesthetic synth nesciunt you probably haven't heard of them accusamus labore sustainable VHS.

```
        </div>
      </div>
    </div>
  </div>
  </div>
  <div class="col-md-4">
    
    <h2>Lorem Ipsum</h2>
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris lobortis
tempus varius. Sed porttitor ex id lectus interdum tristique.</p>
    <a href="#" class="btn btn-default">Read More</a>
  </div>
</div>
</div>
</section>

<footer>
  <div class="container">
    <div class="row">
      <div class="col-md-6 col-xs-12">
        <ul>
          <li><a href="index.html">Home</a></li>
          <li><a href="about.html">About</a></li>
          <li><a href="contact.html">Contact</a></li>
          <li><a href="#">Privacy Policy</a></li>
        </ul>
      </div>
      <div class="col-md-6 col-xs-12">
        <p>Copyright &copy; 2016, Elab Tim</p>
      </div>
    </div>
  </div>
</footer>

<!-- Bootstrap core JavaScript
===== -->
<!-- Placed at the end of the document so the pages load faster -->
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>
<script src="js/bootstrap.js"></script>
</body>
</html>
```

Contact stranica :

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Gamma: Contact</title>
    <!-- Bootstrap core CSS -->
    <link href="css/bootstrap.css" rel="stylesheet">
    <!-- Custom styles for this template -->
    <link href="css/style.css" rel="stylesheet">
  </head>

  <body>
    <nav class="navbar navbar-default navbar-fixed-top">
      <div class="container">
        <div class="navbar-header">
          <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
          </button>
          <a class="navbar-brand em-text" href="index.html">Gamma</a>
        </div>
        <div id="navbar" class="collapse navbar-collapse">
          <ul class="nav navbar-nav">
            <li><a href="index.html">Home</a></li>
            <li><a href="about.html">About</a></li>
            <li class="active"><a href="contact.html">Contact</a></li>
          </ul>
        </div><!--/.nav-collapse -->
      </div>
    </nav>

    <section id="title-bar">
      <div class="container">
        <div class="row">
          <div class="col-md-12">
            <h1>Contact Us</h1>
          </div>
        </div>
      </div>
    </section>

    <section id="contact">
      <div class="container">
        <div class="row">
          <div class="col-md-8">
```



```

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>
<script src="js/bootstrap.js"></script>
</body>
</html>

```

Kompletan css:

```

body {
  padding-top: 50px;
}

.em-text {
  color: #1caa98 !important;
}

.col-md-4 {
  margin-bottom: 20px;
}

section {
  padding: 40px 0 40px 0;
}

.jumbotron {
  background: #1b222a url(../img/site_showcase_bg.jpg) no-repeat top center;
  color: #fff;
  height: 500px;
  overflow: none;
}

.jumbotron h1 {
  margin-top: 60px;
}

.jumbotron p {
  margin-bottom: 40px;
}

.jumbotron img.app-btn {
  width: 40%;
  margin-right: 30px;
}

.jumbotron img.showcase-img {
  width: 75%;
}

img.demo {
  width: 100%;
}

```

```

        padding:3px;
        border: 1px solid #ccc;
    }

    section#feature{
        background:#1caa98;
        color:#fff;
        padding:40px;
        overflow: auto;
    }

    section#feature ul li{
        font-size: 22px;
        list-style: none;
        line-height: 2.0em;
    }

    section#feature ul{
        padding:0;
        margin:0;
    }

    section#title-bar{
        padding:0;
        margin:0;
        height:80px;
        background:#1caa98;
        color:#fff;
    }

    section#title-bar h1{
        margin-bottom:20px;
    }

    footer{
        background:#333;
        color:#fff;
        padding:30px 0 20px 0;
    }

    footer li{
        float:left;
        padding:0 10px 0 10px;
        list-style: none;
    }

    footer a {
        color:#fff;
    }

    footer p{
        float:right;
    }

```



```

/* MEDIA QUERIES */

@media(min-width: 1200px) {
    .jumbotron img.showcase-img{
        width:61%;
        margin:5px 0 0 40px;
    }
}

@media(max-width: 991px) {
    .showcase-img{
        display:none;
    }
}

@media(min-width: 768px) and (max-width: 990px) {
    .jumbotron img.app-btn{
        width:30%;
    }

    .jumbotron{
        height:400px !important;
        background-size:100% 100%;
    }

    .jumbotron h1{
        margin-top:10px;
    }
}

@media(max-width: 768px) {
    .jumbotron{
        height:350px !important;
        background-size:100% 100%;
    }

    .jumbotron h1{
        margin-top:10px;
    }
}

@media(max-width: 500px) {
    .jumbotron{
        height:450px !important;
        background-image:none;
        text-align: center;
    }

    .jumbotron img.app-btn{
        width:60%;
        margin:0 auto 30px auto;
        display:block;
    }
}

```

```
section#feature ul li{
    font-size: 19px !important;
}

footer p{
    float:none;
    text-align: center;
    padding-top:20px;
}

}
```