

Detail Program Simple Blog KereHore

Aplikasi yang kami bangun merupakan aplikasi blog simple, dengan detail program menggunakan beberapa dependensi pada docker berupa node, pada aplikasinya sendiri menggunakan beberapa plugin bootstrap untuk styling pada halaman web, express digunakan sebagai middleware, node sebagai appserve, monggodb sebagai database, ejs sebagai templating

Dockerfile

```
Dockerfile x
1 FROM node:8
2 WORKDIR /app
3 COPY package.json /app
4 RUN npm install
5 COPY . /app
6 CMD node server.js
7 EXPOSE 8082
```

Index.ejs

```
index.ejs x
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1">
7     <title>Simple BLOG</title>
8     <link rel="icon" href="images/kh.png">
9     <link rel="stylesheet" href="main.css">
10    <link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">
11    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-awesome/4.4.0/css/font-awesome.min.css">
12    <style media="screen">
13      @media screen and (min-width: 800px) { ...
21    </style>
22  </head>
23  <body class="background">
24    <nav class="navbar navbar-default" style="background-color: #1abc9c;">
25      <div class="container-fluid">
26        <div class="navbar-header">
27          <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-nav
28            <span class="sr-only">Toggle navigation</span>
29            <span class="icon-bar"></span>
30            <span class="icon-bar"></span>
31            <span class="icon-bar"></span>
32          </button>
33          <a class="navbar-brand" href="/"><font color="white">Blog</font></a>
34        </div>
35        <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
36          <ul class="nav navbar-nav">
37            <li><a href="/newblog"><font color="white">New Blog</font> <span class="sr-only">(current)</span></a></li>
38          </ul>
39          <form class="navbar-form navbar-right">
40            <div class="input-group stylish-input-group">
41              <input type="text" class="form-control" placeholder="Search" >
42              <span class="input-group-addon">
43                <button type="submit">
44                  <span class="glyphicon glyphicon-search"></span>
45                </button>
46              </span>
47            </div>
48          </form>
```

Newblog.ejs

```
<> newblog.ejs ●
1  <!DOCTYPE html>
2  <html lang="en">
3    <head>
4      <meta charset="utf-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1">
7      <title>Blog</title>
8
9      <!-- Bootstrap -->
10     <link rel="stylesheet" href="main.css">
11     <link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">
12     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-awesome/4.4.0/css/font-awesome.min.css">
13
14   </head>
15   <body class="background">
16     <nav class="navbar navbar-default">
17       <div class="container-fluid">
18         <!-- Brand and toggle get grouped for better mobile display -->
19         <div class="navbar-header">
20           <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">
21             <span class="sr-only">Toggle navigation</span>
22             <span class="icon-bar"></span>
23             <span class="icon-bar"></span>
24             <span class="icon-bar"></span>
25           </button>
26           <a class="navbar-brand" href="/">Blog</a>
27         </div>
28
29         <!-- Collect the nav links, forms, and other content for toggling -->
30         <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
31           <ul class="nav navbar-nav">
32             <li><a href="/newblog">New Blog <span class="sr-only">(current)</span></a></li>
33           </ul>
34           <form class="navbar-form navbar-right">
35             <div class="input-group">
36               <input type="text" class="form-control" placeholder="">
37               <span class="input-group-addon">Cari</span>
38             </div>
39           </form>
40         </div><!-- /.navbar-collapse -->
41       </div><!-- /.container-fluid -->

```

Footer.ejs

```
<> footer.ejs x
1  <meta charset="utf-8">
2  <meta name="viewport" content="width=device-width, initial-scale=1">
3  <link rel="stylesheet" href="http://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.6.3/css/font-awesome.min.css">
4  <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
5  <link rel="stylesheet" href="assets/css/footer.css">
6  <div class="content">
7  </div>
8  <footer id="myFooter">
9    <div class="container">
10      <div class="row">
11      </div>
12      <div class="social-networks">
13        <a href="http://www.twitter.com/mkodrats/" class="twitter"><i class="fa fa-twitter"></i></a>
14        <a href="http://www.facebook.com/kodratmeden" class="facebook"><i class="fa fa-facebook-official"></i></a>
15        <a href="#" class="google"><i class="fa fa-google-plus"></i></a>
16      </div>
17      <div class="footer-copyright">
18        <p>KereHore Team</p>
19      </div>
20    </div>
21  </footer>
22  <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
23  <script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
24 </body>
25
26 </html>

```

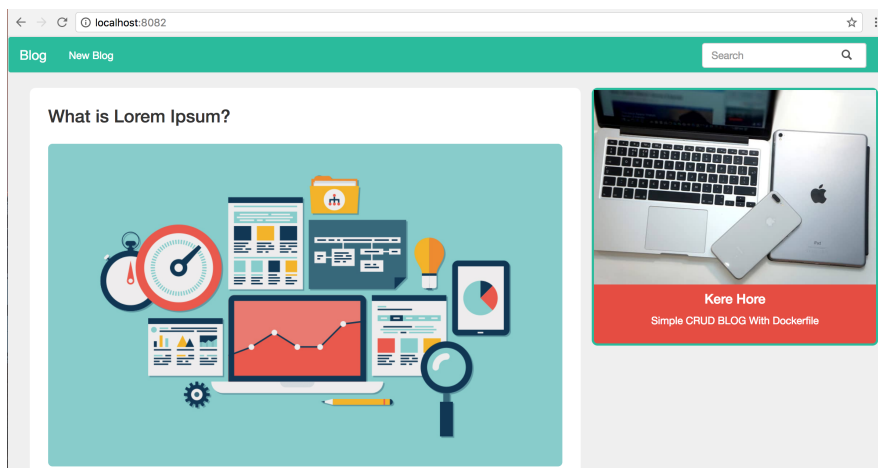
Server.js

```
1  const express = require('express')
2  const bodyParser = require('body-parser')
3  const app = express()
4  const MongoClient = require('mongodb').MongoClient
5  const bootstrap = require('express-bootstrap-service')
6  const PORT = process.env.PORT || 8081;
7
8  app.use(bodyParser.urlencoded({extended: true}))
9  app.use(bootstrap.serve)
10 app.use(express.static('public'))
11 app.use(express.static('views'))
12
13 app.set('view engine', 'ejs')
14
15 bootstrap.init({
16   minified: false
17 });
18
19 app.get('/', (req, res) => {
20   db.collection('blog').find().toArray((err, result) => {
21     if (err) return console.log(err)
22     res.render('index.ejs', {quotes: result})
23   })
24 });
25
26 app.get('/newblog', function(req, res) {
27   res.render('newblog');
28 });
29
30
31 app.post('/blog', (req, res) => {
32   db.collection('blog').save(req.body, (err, result) => {
33     if (err) return console.log(err)
34
35     console.log('saved to database')
36     res.redirect('/')
37   })
38 });
39
40 app.delete('/delete', (req, res) => {
41   db.collection('blog').findOneAndDelete({name: req.body.name},
```

Instalasi Program

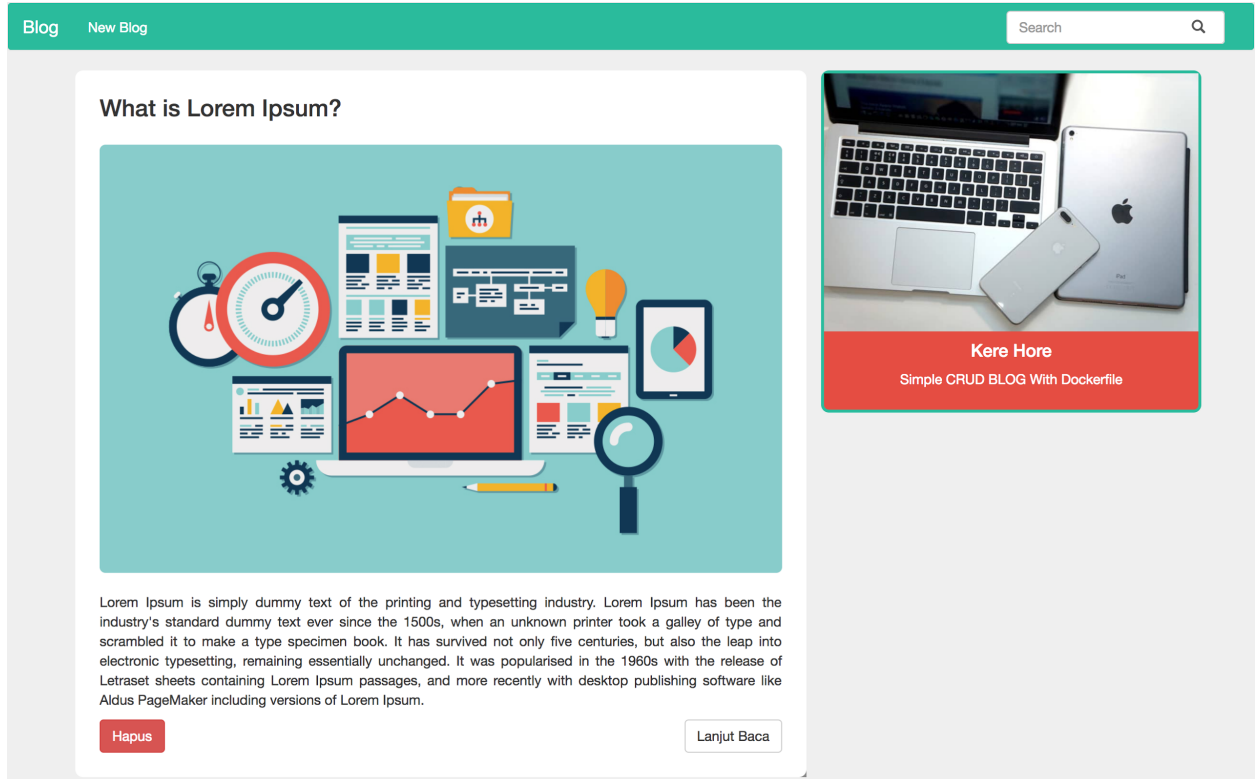
Image docker dapat dilihat pada link berikut <https://hub.docker.com/r/kodratmuh/responsitcc/>

1. Pastikan Komputer/laptop anda sudah terinstall docker
2. Lakukan pull dengan dengan cara docker pull docker pull kodratmuh/responsitcc:initial
3. Setelah melakukan pull lakukan perintah berikut untuk mencoba program docker run -p 8082:8081 kodratmuh/responsitcc:initial
4. Buka browser seperti chrome, mozilla dll, buka localhost:8082/ maka akan muncul halaman berikut

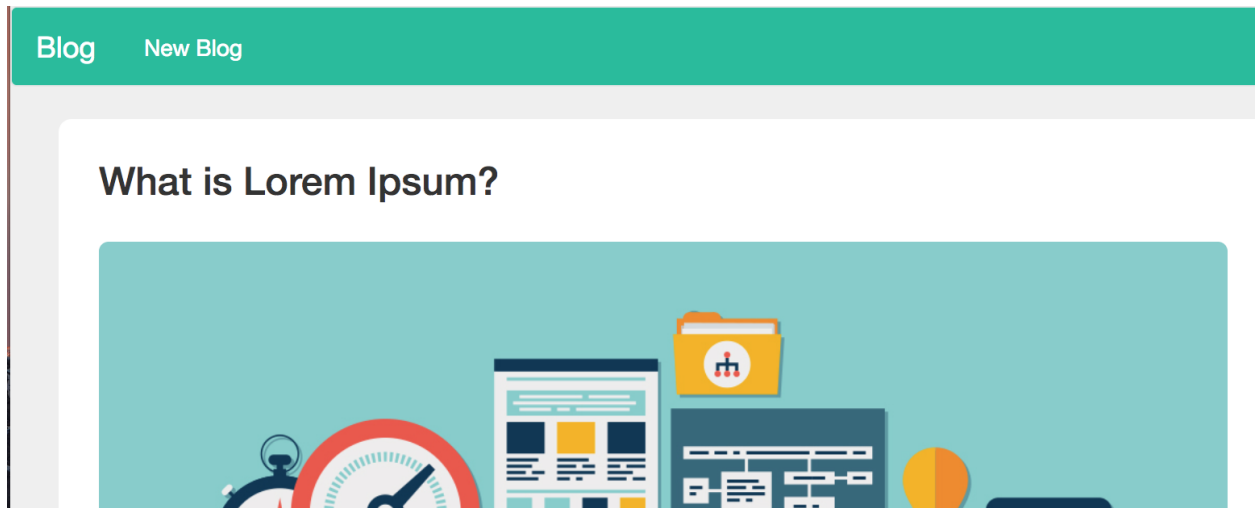


User Guide

1. Halaman utama memuat daftar dari blog yang tersimpan



2. Untuk melakukan penambahan konten blog, klik pada navbar New Blog



3. Untuk melakukan penghapusan konten blog, klik button hapus pada halaman utama



Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum 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. It has survived not only five centuries, but also the transition into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

Hapus