

Angular program for navigation menu

Name: M Badri Narayanan
Reg No: 185002018
Semester: VI
Exercise Number: 4
Date: March 16, 2021

Aim

To Create a Navigation Menu using angular JS.

Procedure

- We will build a simple Menu Bar application with below menu titles.
 - On clicking on any menu item it displays which menu item is chosen.
 - About
 - Education
 - Work Experience
 - Projects
 - Animation
 - Contact Form
 - Design your application using colors and required styles.
-

Angular Code (myng.js)

```
var myApp = angular.module('myApp',['ngRoute']);

myApp.config(['$routeProvider',function($routeProvider)
{
    $routeProvider
    .when('/about',
    {
        templateUrl: 'about.html'
    })
    .when('/education',
    {
        templateUrl: 'education.html'
    })
    .when('/workexperience',
    {
        templateUrl: 'workexperience.html'
    })
    .when('/projects',
    {
```

```

        templateUrl: 'projects.html'
    })
    .when('/contact',
    {
        templateUrl: 'contact.html'
    })
    .when('/animation',
    {
        templateUrl: 'animation.html'
    }).otherwise({
        redirectTo: '/about'
    });
});
});

```

HTML Code (index.html)

```

<!DOCTYPE html>
<html ng-app="myApp">
  <head>
    <meta charset="UTF-8">
    <meta name="description" content="Portfolio Web Page">
    <meta name="keywords" content="HTML5, CSS3, JavaScript">
    <meta name="author" content="M Badri Narayanan">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>My Web Page</title>
    <link rel="icon" type="image/x-icon" href="images/favicon.ico" />
    <link rel="stylesheet" href="style.css">
    <script
    ↪ src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
    <script type="text/javascript" src="angular-route.min.js"></script>
    <script src="myng.js"></script>

  </head>
  <body>
    <ng-include src="'header.html'"></ng-include>
    <br>
    <br>
    <br>
    <main ng-view>
    </main>
  </body>
</html>

```

HTML Code (header.html)

```

<nav class="nav">
  <a href="index.html"><h1 id="title">M Badri Narayanan</h1></a>
  <ol id="nav1">
    <li class="nelt"><a href="#!/animation"><div id="item1"
    ↪ class="tile1">Animation</div></a></li>
    <li class="nelt"><a href="#!/contact"><div id="item1" class="tile1">Contact
    ↪ Form</div></a></li>
    <li class="nelt"><a href="#!/projects"><div id="item1"
    ↪ class="tile1">Projects</div></a></li>
    <li class="nelt"><a href="#!/workexperience"><div id="item1" class="tile1">Work
    ↪ Experience</div></a></li>
    <li class="nelt"><a href="#!/education"><div id="item1"
    ↪ class="tile1">Education</div></a></li>
  </ol>

```

```

    <li class="nelt"><a href="#!/about"><div id="item1"
    ↳ class="tile1">About</div></a></li>
  </ol>
</nav>

```

HTML Code (about.html)

```

<h1>About</h1>
<p class = "static">I am currently pursuing my bachelors in Information Technology
↳ from SSN College of Engineering, Chennai. I am interested in the fields of
↳ Machine Learning , Deep Learning, Natural Language Processing, Computer Vision
↳ and Data Science. I would like to work in the aforementioned fields and develop
↳ real world solutions. I am also an avid sports fan and my hobbies include
↳ playing cricket, listening to music, watching movies and reading books.</p>

<h3>My Social Networking Sites</h3>
<ol>
  <li><a href="https://github.com/MBadriNarayanan"
  ↳ target="_blank">GitHub</span></a></li>
  <li><a href="https://www.linkedin.com/in/mbadrinarayanan"
  ↳ target="_blank">LinkedIn</a></li>
</ol>

<h3>My Skills</h3>
<ul>
  <li><b>Programming Languages:</b> Python, C, C++, LATEX</li>
  <li><b>Web Development:</b> HTML5, CSS3, JavaScript</li>
  <li><b>Software & Tools:</b> Git, TensorFlow, Keras, PyTorch, scikit,
  ↳ NLTK, spaCy, OpenCV</li>
</ul>

```

HTML Code (education.html)

```

<h4>My Education Details</h4>
  <table border="1" align="left" width="40%">
    <tr><td>College / School</td><td>Grade</td><td>Marks
    ↳ Obtained</td></tr>
    <tr><td>SSN College of Engineering, Chennai</td><td>BTech
    ↳ Information Technology</td><td>Current GPA : 8.828 (V
    ↳ Semester)</td></tr>
    <tr><td>Vidya Mandir Senior Secondary School,
    ↳ Chennai</td><td>12<sup>th</sup> Grade, Computer Science
    ↳ Group</td><td>94.4 %</td></tr>
    <tr><td>Vidya Mandir Senior Secondary School,
    ↳ Chennai</td><td>10<sup>th</sup>
    ↳ Grade</td><td>8.8</td></tr>
  </table>

  <h4>Extra Curricular</h4>
  <ul>
    <li>Volunteering with Chennai Volunteers to teach spoken
    ↳ English classes for Tamil medium students.</li>
    <li>Captained the school cricket team</li>
    <li>Represented the college cricket team</li>
  </ul>

  <h4>Awards</h4>

```

```

<ul>
  <li>Won the 2nd best project in Computer Science in
    ↳ 12th grade.</li>
  <li>Stood school 3rd in Chemistry in
    ↳ 12th grade.</li>
</ul>

```

HTML Code (workexperience.html)

```

<h1>Work Experience</h1>
  <h4>Machine Learning Intern, MAD STREET DEN, Chennai</h4>
    <ul>
      <li><b>Duration : March 2021 - Present</b></li>
      <li>Worked in clustering of catalogue items using Artificial
        ↳ Neural Networks.</li>
    </ul>

  <h4>Undergraduate Research Assistant, SOLARILLION FOUNDATION, Chennai</h4>
    <ul>
      <li><b>Duration : February 2020 - Present</b></li>
      <li>Research on sign language translation.</li>
    </ul>

  <h4>Freelance Projects</h4>
    <ul>
      <li><b>Duration : October 2020 - Present</b></li>
      <li>Undertook projects via Freelancer.com.</li>
      <li>Classification of ICD Code using state of art Transformer
        ↳ Model.</li>
      <li>Malware Detection using Deep Learning and Artificial
        ↳ Neural Networks.</li>
      <li>Arabic Tweet Rumor Detection using NLP and LSTMs.</li>
    </ul>

  <h4>ML / AI Intern, APPCILIOUS PVT LTD, Bangalore</h4>
    <ul>
      <li><b>Duration : August 2020 - September 2020</b></li>
      <li>Data preprocessing, data cleaning.</li>
      <li>Developed a chat bot using modern NLP architectures and
        ↳ techniques.</li>
      <li>Feature extraction and feature comparison using SIFT and
        ↳ OpenCV.</li>
    </ul>

  <h4>Summer Intern, PRODIAN INFOTECH PVT LTD, Chennai</h4>
    <ul>
      <li><b>Duration : June 2020 - August 2020</b></li>
      <li>Data preprocessing, data cleaning of cricket match data
        ↳ and feature analysis.</li>
      <li>Applying Unsupervised ML Algorithms to get the top 5
        ↳ features that affect a cricket match.</li>
    </ul>

```

HTML Code (projects.html)

```

<h1>Projects</h1>
  <h4>Clickbait Classification</h4>
    <ul>
      <li>Done in <b>August 2020</b></li>
    </ul>

```

```

<li><a
  ↪ href="https://github.com/MBadriNarayanan/ClickbaitClassification"
  ↪ target="_blank">Git Hub Link</a></li>
<li>Classifying clickbaits using modern NLP techniques and
  ↪ architectures.</li>
</ul>
<h4>Object Detection Using YOLO v3</h4>
<ul>
  <li>Done in <b>August 2020</b></li>
  <li><a
    ↪ href="https://github.com/MBadriNarayanan/ObjectDetectionUsingYOLOv3"
    ↪ target="_blank">Git Hub Link</a></li>
  <li>Object detection using YOLO v3 Algorithm with custom
    ↪ dataset.</li>
</ul>

<h4>Machine Translator</h4>
<ul>
  <li>Done in <b>August 2020</b></li>
  <li><a
    ↪ href="https://github.com/MBadriNarayanan/MachineTranslation"
    ↪ target="_blank">Git Hub Link</a></li>
  <li>English to French neural machine translator built using
    ↪ Transformer architecture in NLP.</li>
</ul>

<h4>Object Detection Using YOLO v3</h4>
<ul>
  <li>Done in <b>February 2020 - April 2020</b></li>
  <li><a href="https://github.com/MBadriNarayanan/FlightDelayPrediction"
    ↪ target="_blank">Git Hub Link</a></li>
  <li>Developed a two stage machine learning model to predict if flights
    ↪ will be delayed upon arrival and if so, the delay in minutes based
    ↪ on the weather data at departure.</li>
</ul>

```

HTML Code (animation.html)

```

<script
  ↪ src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<script
  ↪ src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular-animate.js"></script>
<body ng-app="ngAnimate">

  <h2>Click the check box to view the animation<input type="checkbox"
    ↪ ng-model="myCheck"></h2>
  <div ng-hide="myCheck">
    <h3>Profile</h3>
    <img src = "Profile.png" alt = "My Profile Picture"
      ↪ usemap="#profile" height = "400" width = "400"></img><br>
    <h3>Languages</h3>
    <ul>
      <li>English</li>
      <li>Tamil</li>
      <li>Hindi</li>
      <li>Sanskrit</li>
    </ul>
  </div>

```

```

        <h3>Achievements</h3>
        <ul>
            <li>Stood school 3rd in Chemistry in 12th
            ↪ standard.</li>
            <li>Won the 2nd best project in Computer Science in
            ↪ 12th standard.</li>
        </ul>
    </div>
</body>

```

CSS Code

```

body
{
    background-color: linen;
}
form
{
    text-align: center;
}
main.ng-enter
{
    transition: 0.5s linear all;
    opacity: 0;
}

main.ng-enter.ng-enter-active
{
    opacity: 1;
}
.nav
{
    position: fixed;
    margin-top: 0px;
    width: 101%;
    height: 70px;
    background-color: #00303f;
    margin-left: -8px;
    padding-right: -20px;
    margin-top: -10px;
    z-index: 1;
    top: 0;
}
#title
{
    display: inline;
    float: left;
    margin-bottom: 1px;
    padding-left: 5px;
    color: white;
}
nav li
{
    list-style-type: none;
}
#nav1 a
{

```

```

        text-decoration: none;
        color: white;
        position: relative;
        float: right;
        display: inline-block;
        width: 130px;
        height: 68px;
        top: -15px;
        bottom: -10px;
        left: -19px;
    }
    .tile1
    {

        position: absolute;
        top: 25px;
        left: 40px;
    }
    #nav1 a:hover
    {

        background-color: #b67171;
        transition: background-color 0.5s ease-in-out;
        transition-timing-function: ease;
    }
    ul
    {
        background-color: lightblue;
        width: 20%;
        padding: 25px;
    }
    .header
    {
        background-color: rgb(255, 253, 208);
        padding: 20px;
        text-align: center;
    }
    #animated_div
    {
        width:70px;
        height:47px;
        background: #92B901;
        color: white;
        position: relative;
        font-weight:bold;
        font-size:20px;
        padding:10px;
        animation:animated_div 5s 1;
        -moz-animation:animated_div 5s 1;
        -webkit-animation:animated_div 5s 1;
        -o-animation:animated_div 5s 1;
        border-radius:5px;
        -webkit-border-radius:5px;
    }

    @keyframes animated_div
    {
    0% {transform: rotate(0deg);left:0px;}
    25% {transform: rotate(20deg);left:0px;}
    50% {transform: rotate(0deg);left:500px;}
    55% {transform: rotate(0deg);left:500px;}
    70% {transform: rotate(0deg);left:500px;background:#1ec7e6;}
    }

```

```
100% {transform: rotate(-360deg);left:0px;}
}

@-webkit-keyframes animated_div
{
0% {-webkit-transform: rotate(0deg);left:0px;}
25% {-webkit-transform: rotate(20deg);left:0px;}
50% {-webkit-transform: rotate(0deg);left:500px;}
55% {-webkit-transform: rotate(0deg);left:500px;}
70% {-webkit-transform: rotate(0deg);left:500px;background:#1ec7e6;}
100% {-webkit-transform: rotate(-360deg);left:0px;}
}

@-moz-keyframes animated_div
{
0% {-moz-transform: rotate(0deg);left:0px;}
25% {-moz-transform: rotate(20deg);left:0px;}
50% {-moz-transform: rotate(0deg);left:500px;}
55% {-moz-transform: rotate(0deg);left:500px;}
70% {-moz-transform: rotate(0deg);left:500px;background:#1ec7e6;}
100% {-moz-transform: rotate(-360deg);left:0px;}
}

@-o-keyframes animated_div
{
0% {transform: rotate(0deg);left:0px;}
25% {transform: rotate(20deg);left:0px;}
50% {transform: rotate(0deg);left:500px;}
55% {transform: rotate(0deg);left:500px;}
70% {transform: rotate(0deg);left:500px;background:#1ec7e6;}
100% {transform: rotate(-360deg);left:0px;}
}
```

Output

Figure 1: Output Pic1



Figure 2: Output Pic2

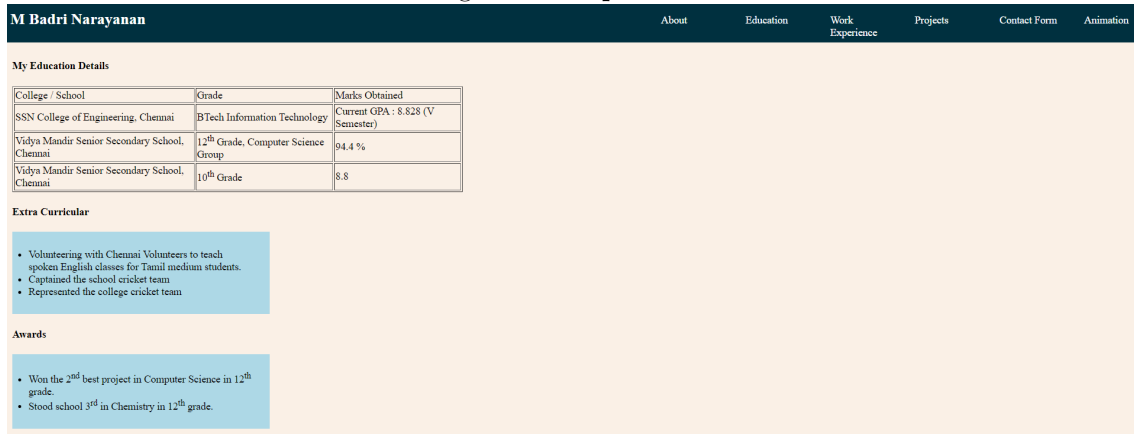


Figure 3: Output Pic3

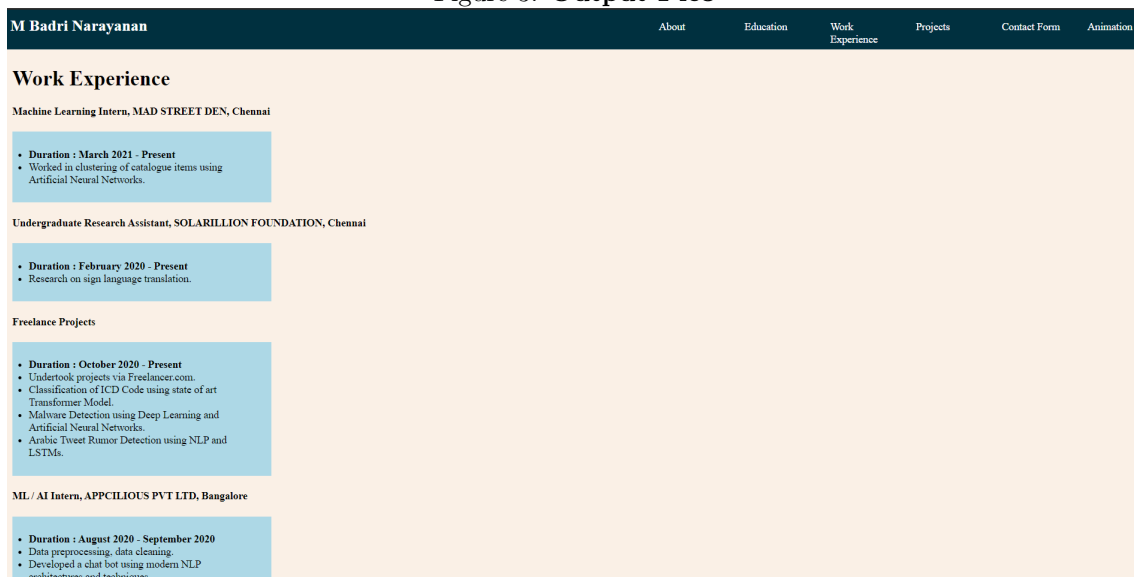


Figure 4: Output Pic4

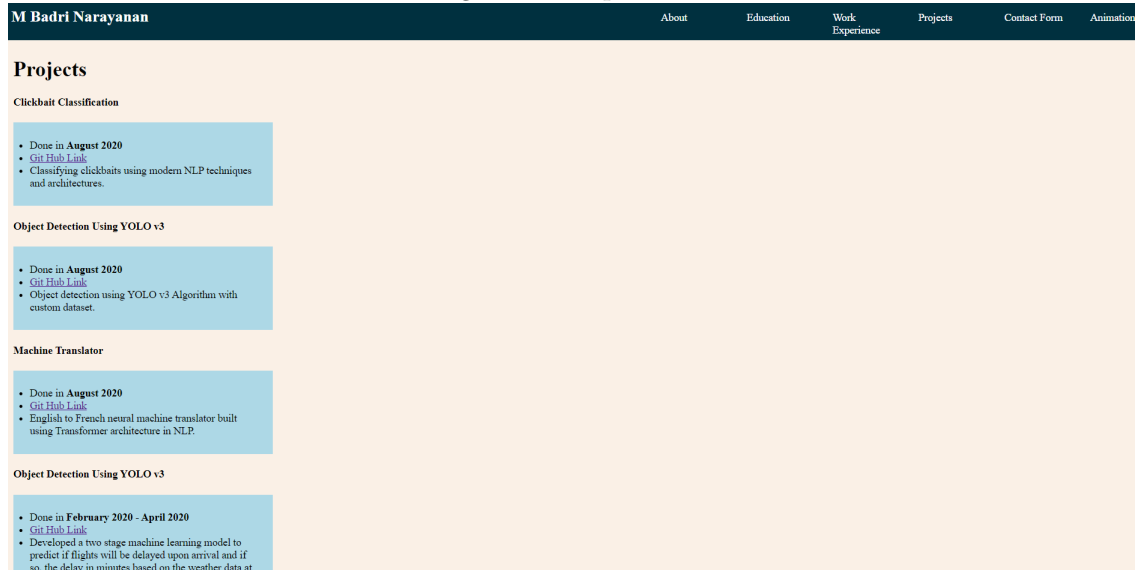


Figure 5: Output Pic5

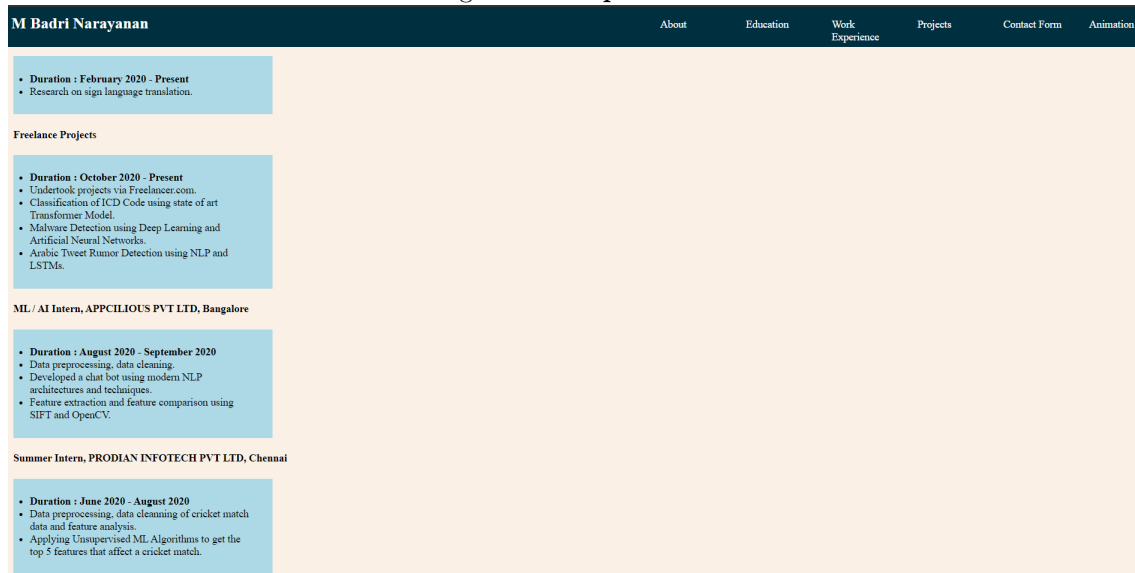


Figure 6: Output Pic6

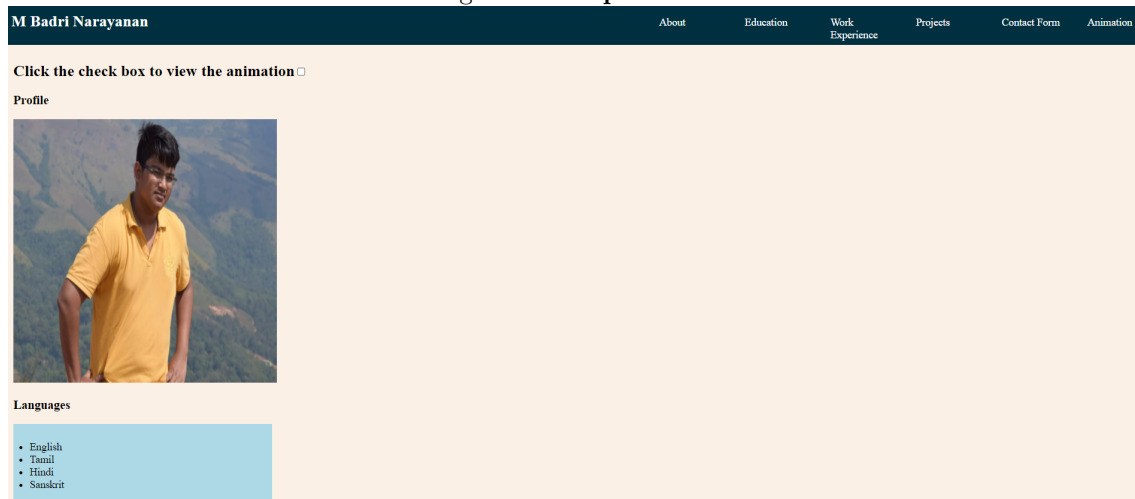
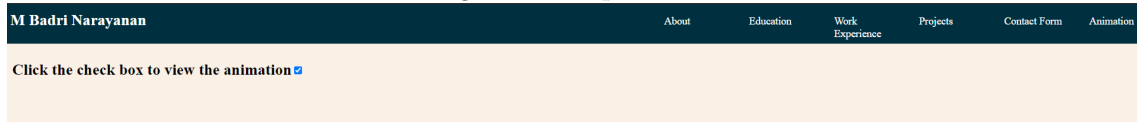


Figure 7: Output Pic7



Result

Thus the navigation menu is created using angular js and the code is executed successfully.
