Angular Program to create form with real time updations

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Aim

To create a form with real time updations using Angular JS.

Procedure

- Install a WAMP server in your system.

- Create a database and a table for your application.

- Create 3 PHP files each for homepage, inserting and viewing the data. Establish the SQL connection and then create your angular form for inserting and viewing the data. Use appropriate SQL commands for inserting and viewing the data.

- Design your application using colors and required styles.

HTML Code (index.html)

```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>
    <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" allign="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 2<sup>nd</sup> best project in Computer Science in
                        ↪    12<sup>th</sup> grade.</li>
                        <li>Stood school 3<sup>rd</sup> in Chemistry in
                        ↪    12<sup>th</sup> 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>
```

```html
            <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 cleanning 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)

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

```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>

            <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

```css
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
{
```

```css
        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;
}
```

```css
#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;}
}
```

PHP Code (action.php)

```php
<?php
        $con = mysqli_connect('localhost:3306','root','','portfolio');
        $title = $_POST['title'];
        $firstname = $_POST['firstname'];
        $lastname = $_POST['lastname'];
        $mobilenumber = $_POST['mobilenumber'];
        $emailid = $_POST['emailid'];
        $message = $_POST['message'];
        $sql = "INSERT INTO
          `portfolio`(`TITLE`,`FIRSTNAME`,`LASTNAME`,`PHONENUMBER`,`EMAIL`,`MESSAGE`)
          VALUES
          ('$title','$firstname','$lastname','$mobilenumber','$emailid','$message')";
        $rs = mysqli_query($con, $sql);
        if($rs)
        {
                echo "Records Inserted";
        }
?>
```

PHP Code (display.php)

```php
<?php
$host    = "localhost:3306";
$user    = "root";
$pass    = "";
$db_name = "portfolio";

//create connection
$connection = mysqli_connect($host, $user, $pass, $db_name);

//test if connection failed
if(mysqli_connect_errno())
{
    die("connection failed: "
        . mysqli_connect_error()
        . " (" . mysqli_connect_errno()
        . ")");
}

//get results from database
$result = mysqli_query($connection,"SELECT * FROM portfolio");
$all_property = array();  //declare an array for saving property

//showing property
echo '<table border cellspaing="5" class="data-table ">
      <tr class="data-heading">';  //initialize table tag
while ($property = mysqli_fetch_field($result))
{
    echo '<td>' . $property->name . '</td>';  //get field name for header
    array_push($all_property, $property->name);  //save those to array
}
echo '</tr>'; //end tr tag

//showing all data
while ($row = mysqli_fetch_array($result))
```

```php
{
    echo "<tr>";
    foreach ($all_property as $item)
    {
        echo '<td>' . $row[$item] . '</td>'; //get items using property value
    }
    echo '</tr>';
}
echo "</table>";
?>
```
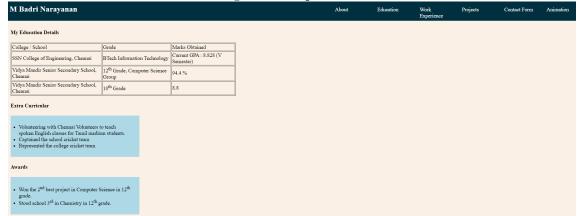
Output

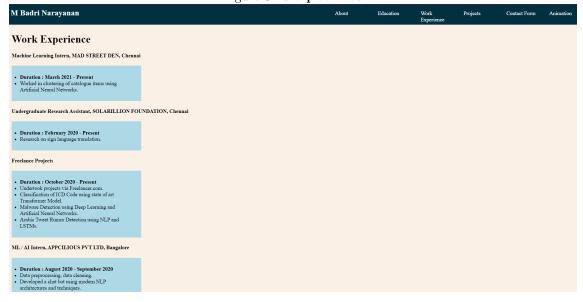Figure 1: **Output Pic1**

Figure 2: **Output Pic2**

Figure 3: **Output Pic3**

Figure 4: **Output Pic4**
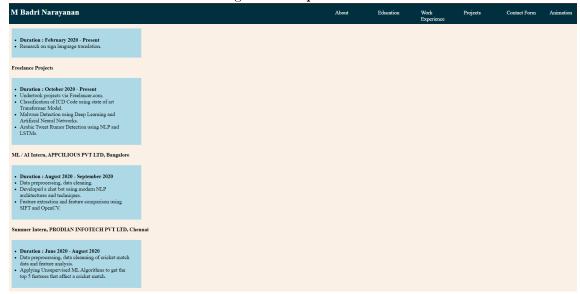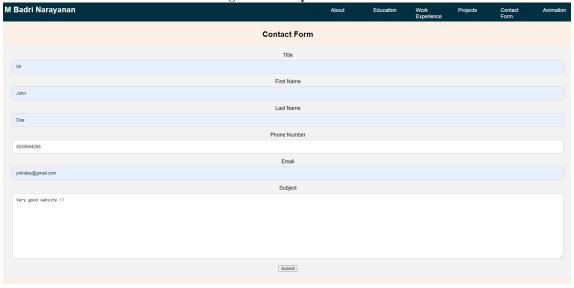
Figure 5: **Output Pic5**
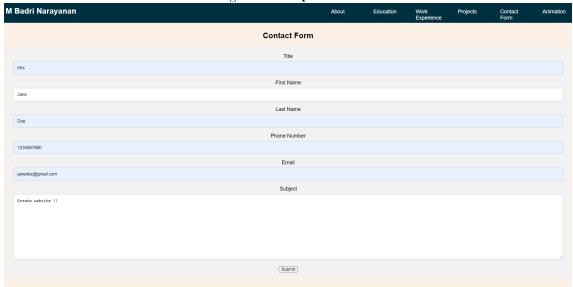

Figure 6: **Output Pic6**
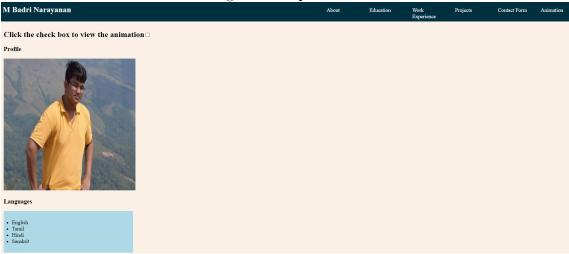
Figure 7: **Output Pic7**

Figure 8: **Output Pic8**

Figure 9: **Output Pic9**

Figure 10: **Output Pic10**

Figure 11: **Output Pic11**

TITLE/WebProgrammingLab/Lab6/display.php

TITLE	FIRSTNAME	LASTNAME	PHONENUMBER	EMAIL	MESSAGE
Mr	John	Doe	8220584258	johndoe@gmail.com	Very good website !!
Mrs	Jane	Doe	1234567890	janedoe@gmail.com	Great website !!

Result

Hence a form is created with real time updations using Angular JS.