**Ex4FullStack**

**Index.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

<!-- Required CDN's -->

<link rel="stylesheet"href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">

</script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js">

</script>

</head>

<style>

.container-fluid {

background-color: #ffffff;

border-radius: 8px;

border: 1px solid lightgrey;

padding: 16px;

/\* Box shadow for the register container \*/

-webkit-box-shadow: 0px 0px 12px 2px rgba(0, 0, 0, 0.75);

-moz-box-shadow: 0px 0px 12px 2px rgba(0, 0, 0, 0.75);

box-shadow: 0px 0px 12px 2px rgba(0, 0, 0, 0.75);

}

.input-group {

width: 80%;

height: auto;

padding: 4px;

}

.progress {

height: 4px;

}

.progress-bar {

background-color: green;

}

</style>

<body>

<br>

<br>

<div class="container">

<div class="row">

<div class="col-sm-3"> </div>

<div class="col-sm-6">

<div class="container-fluid">

<center>

<h2 class="text-success">

Enter Password:

</h2>

<br>

<br>

<div class="form-group">

<div class="input-group">

<span class="input-group-addon">

<i class="glyphicon glyphicon-user">

</i>

</span>

<input id="email"

type="text"

class="form-control"

name="email"

placeholder="User-Email">

</div>

<div class="input-group">

<span class="input-group-addon">

<i class="glyphicon glyphicon-lock">

</i>

</span>

<input id="password"

type="password"

class="form-control"

name="password"

placeholder="Enter Password">

</div>

</div>

<div class="input-group">

<div class="progress">

<div class="progress-bar"

role="progressbar"

aria-valuenow="0"

aria-valuemin="0"

aria-valuemax="100"

style="width:0%">

</div>

</div>

</div>

<br>

<br>

<div class="input-group">

<button class="btn btn-success btn-block">

Register Now!

</button>

</div>

</center>

<br>

</div>

</div>

<div class="col-sm-3"> </div>

</div>

</div>

<script>

var percentage = 0;

function check(n, m) {

if (n < 6) {

percentage = 0;

$(".progress-bar").css("background", "#dd4b39");

} else if (n < 8) {

percentage = 20;

$(".progress-bar").css("background", "#9c27b0");

} else if (n < 10) {

percentage = 40;

$(".progress-bar").css("background", "#ff9800");

} else {

percentage = 60;

$(".progress-bar").css("background", "#4caf50");

}

// Check for the character-set constraints

// and update percentage variable as needed.

//Lowercase Words only

if ((m.match(/[a-z]/) != null))

{

percentage += 10;

}

//Uppercase Words only

if ((m.match(/[A-Z]/) != null))

{

percentage += 10;

}

if ((m.match(/0|1|2|3|4|5|6|7|8|9/) != null))

{

percentage += 10;

}

if ((m.match(/\W/) != null) && (m.match(/\D/) != null))

{

percentage += 10;

}

$(".progress-bar").css("width", percentage + "%");

}

$(document).ready(function() {

$("#password").keyup(function() {

var m = $(this).val();

var n = m.length;

check(n, m);

});

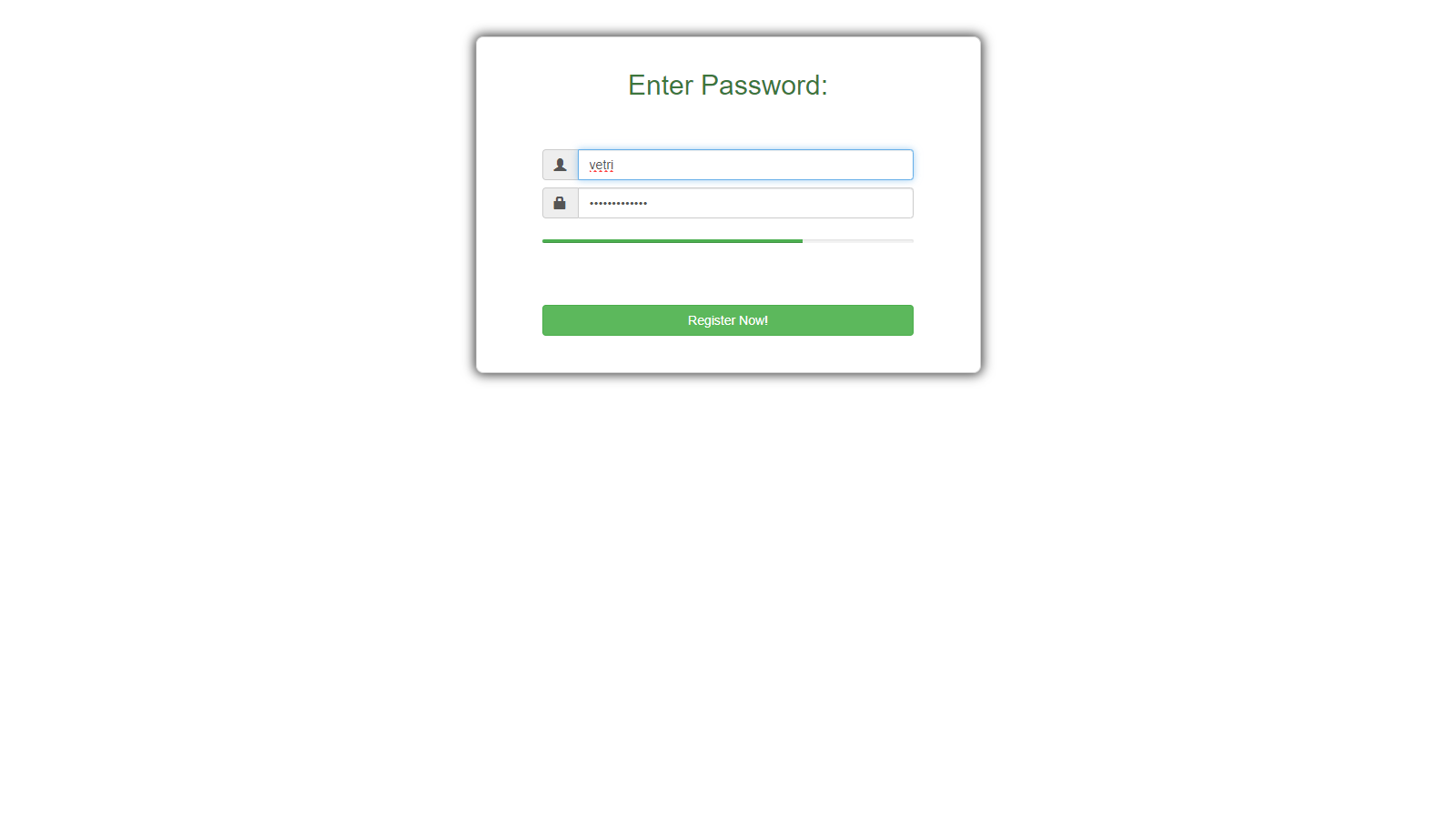
});

</script>

</body>

</html>

**Output:**

****