**Practical – 8**

## Aim: Write a program to check the strength of password using jQuery. Code:

<style> body{width:610px;}

#frmCheckPassword {border-top:#F0F0F0 2px solid;background:#FAF8F8;padding:10px;}

.demoInputBox{padding:7px; border:#F0F0F0 1px solid; border-radius:4px;}

#password-strength-status {padding: 5px 10px;color: #FFFFFF; border-radius:4px;margin- top:5px;}

.medium-password{background-color: #E4DB11;border:#BBB418 1px solid;}

.weak-password{background-color: #FF6600;border:#AA4502 1px solid;}

.strong-password{background-color: #12CC1A;border:#0FA015 1px solid;}

</style>

<script src="https://code.jquery.com/jquery-2.1.1.min.js" type="text/javascript"></script>

<script type="text/javascript"> function checkPasswordStrength() {

var number = /([0-9])/;

var alphabets = /([a-zA-Z])/;

var special\_characters = /([~,!,@,#,$,%,^,&,\*,-,\_,+,=,?,>,<])/; if($('#password').val().length<6)

{

else {

$('#password-strength-status').removeClass();

$('#password-strength-status').addClass('weak-password');

$('#password-strength-status').html("Weak (should be atleast 6 characters.)");

}

if($('#password').val().match(number) && $('#password').val().match(alphabets)

&& $('#password').val().match(special\_characters)) {

$('#password-strength-status').removeClass();

$('#password-strength-status').addClass('strong-password');

$('#password-strength-status').html("Strong");

}

else {

$('#password-strength-status').removeClass();

$('#password-strength-status').addClass('medium-password');

$('#password-strength-status').html("Medium (should include alphabets, numbers

and special characters.)");

}

}

}

</script>

<div name="frmCheckPassword" id="frmCheckPassword">

<label>Password:</label>

<input type="password" name="password" id="password" class="demoInputBox" onKeyUp="checkPasswordStrength();" />

<div id="password-strength-status"></div>

</div>

## Output:

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated