**1. HTML + JQuery Code:**

<html>

    <head>

        <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">

        <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" ></script>

        <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js" ></script>

        <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js" ></script>

   </head>

   <body>

       <div class="continer">

            <div class="card">

                <div class="card-header bg-primary text-white">

                    <h3>Welcome to Uom Register Page!!</h3>

                </div>

                <div class="card-body">

                    <form id="myForm" action="save" method="POST" >

                        <!--1st row-->

                        <div class="row">

                            <div class="col-4">

                                <label for="uomType">Uom Type</label>

                            </div>

                            <div class="col-4">

                                <select id="uomType" name="uomType" class="form-control">

                                    <option value="">-SELECT-</option>

                                    <option value="PACKING">PACKING</option>

                                    <option value="NO PACKING">NO PACKING</option>

                                    <option value="NA">NA</option>

                                </select>

                            </div>

                            <div class="col-4" id="uomTypeError"></div>

                        </div>

                        <!--2nd row-->

                        <div class="row">

                            <div class="col-4">

                                <label for="uomModel">Uom Model</label>

                            </div>

                            <div class="col-4">

                                <input type="text" id="uomModel" name="uomModel" class="form-control" maxlength="8"/>

                            </div>

                            <div class="col-4" id="uomModelError"></div>

                        </div>

                        <!--3rd row-->

                        <div class="row">

                            <div class="col-4">

                                <label for="description">Description</label>

                            </div>

                            <div class="col-4">

                                <textarea id="description" name="description" class="form-control"></textarea>

                            </div>

                            <div class="col-4" id="descriptionError"></div>

                        </div>

                        <input type="submit" class="btn btn-success" value="Register"/>

                    </form>

                </div>

                <div class="card-footer">

                    ${${msg}}

                </div>

            </div>

       </div>

    <script type="text/javascript">

        $(document).ready(function(){

            //1. hide error section

            $("#uomTypeError").hide();

            $("#uomModelError").hide();

            $("#descriptionError").hide();

            //2.create variables

            var uomTypeError = true;

            var uomModelError = true;

            var descriptionError = true;

            //3. link event with input

            $("#uomType").change(function(){

                //5. call function

                validate\_uomType();

            });

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

                //-start-convert data to upper case

                var val=$("#uomModel").val();

                $("#uomModel").val(val.toUpperCase());

                //--end--

                validate\_uomModel();

            });

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

                //5. call function

                validate\_description();

            });

            //4. Define Validate Function

            function validate\_uomType(){

                var val=$("#uomType").val();

                if(val==''){

                    $("#uomTypeError").show();

                    $("#uomTypeError").html("Please Choose <b>one option</b>");

                    $("#uomTypeError").css("color","red");

                    uomTypeError = false;

                }else{

                    $("#uomTypeError").hide();

                    uomTypeError = true;

                }

                return uomTypeError;

            }

            function validate\_uomModel(){

                var val = $("#uomModel").val();

                var exp=/^[A-Z]{2,8}$/;

                if(val==''){

                    $("#uomModelError").show();

                    $("#uomModelError").html("Model <b>can not be empty</b>");

                    $("#uomModelError").css("color","red");

                    uomModelError = false;

                }

                else if(!exp.test(val)){

                    $("#uomModelError").show();

                    $("#uomModelError").html("Model <b>must be 2-8 chars only!!</b>");

                    $("#uomModelError").css("color","red");

                    uomModelError = false;

                }else{

                    $("#uomModelError").hide();

                    uomModelError = true;

                }

                return uomModelError;

            }

            function validate\_description(){

                var val = $("#description").val();

                var exp=/^[A-Za-z0-9\s]{10,50}$/;

                if(val==''){

                    $("#descriptionError").show();

                    $("#descriptionError").html("Description <b>can not be empty</b>");

                    $("#descriptionError").css("color","red");

                    descriptionError = false;

                }

                else if(!exp.test(val)){

                    $("#descriptionError").show();

                    $("#descriptionError").html("Description <b>must be 10-50 chars only!!</b>");

                    $("#descriptionError").css("color","red");

                    descriptionError = false;

                }else{

                    $("#descriptionError").hide();

                    descriptionError = true;

                }

                return descriptionError;

            }

            //on form submit call all validations

            $("#myForm").submit(function(){

                uomTypeError = true;

                uomModelError = true;

                descriptionError = true;

                //true means valid, false means invalid

                validate\_uomType();

                validate\_uomModel();

                validate\_description();

                if(uomTypeError && uomModelError && descriptionError){

                    return true;

                }

                return false;

            });

        });

    </script>

    </body>

</html>

**JSP code:-**

<%@taglib prefix=*"form"* uri=*"http://www.springframework.org/tags/form"* %>

<%@taglib prefix=*"c"* uri=*"http://java.sun.com/jsp/jstl/core"*%>

<html>

<head>

<link rel=*"stylesheet"*

href=*"https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"*>

<script src=*"https://code.jquery.com/jquery-3.2.1.slim.min.js"*></script>

<script

src=*"https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"*></script>

<script

src=*"https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"*></script>

</head>

<body>

<div class=*"continer"*>

<div class=*"card"*>

<div class=*"card-header bg-primary text-white"*>

<h3>Welcome to Uom Register Page!!</h3>

</div>

<div class=*"card-body"*>

<form:form id=*"myForm"* action=*"save"* method=*"POST"* modelAttribute=*"uom"*>

<!--1st row-->

<div class=*"row"*>

<div class=*"col-4"*>

<label for=*"uomType"*>Uom Type</label>

</div>

<div class=*"col-4"*>

<form:select path=*"uomType"* class=*"form-control"*>

<form:option value=*""*>-SELECT-</form:option>

<form:option value=*"PACKING"*>PACKING</form:option>

<form:option value=*"NO PACKING"*>NO PACKING</form:option>

<form:option value=*"NA"*>NA</form:option>

</form:select>

</div>

<div class=*"col-4"* id=*"uomTypeError"*></div>

</div>

<!--2nd row-->

<div class=*"row"*>

<div class=*"col-4"*>

<label for=*"uomModel"*>Uom Model</label>

</div>

<div class=*"col-4"*>

<form:input path=*"uomModel"*

class=*"form-control"* maxlength=*"8"* />

</div>

<div class=*"col-4"* id=*"uomModelError"*></div>

</div>

<!--3rd row-->

<div class=*"row"*>

<div class=*"col-4"*>

<label for=*"description"*>Description</label>

</div>

<div class=*"col-4"*>

<form:textarea path=*"description"*

class=*"form-control"*/>

</div>

<div class=*"col-4"* id=*"descriptionError"*></div>

</div>

<input type=*"submit"* class=*"btn btn-success"* value=*"Register"* />

</form:form>

</div>

<c:if test=*"*${msg ne null }*"*>

<div class=*"card-footer bg-info text-white"*><b>${msg}</b></div>

</c:if>

</div>

</div>

<script type=*"text/javascript"* src=*"../resources/js/uom.js"*></script>

</body>

</html>

**uom.js code:-**

$(document).ready(function(){

//1. hide error section

$("#uomTypeError").hide();

$("#uomModelError").hide();

$("#descriptionError").hide();

//2.create variables

var uomTypeError = true;

var uomModelError = true;

var descriptionError = true;

//3. link event with input

$("#uomType").change(function(){

//5. call function

validate\_uomType();

});

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

//-start-convert data to upper case

var val=$("#uomModel").val();

$("#uomModel").val(val.toUpperCase());

//--end--

validate\_uomModel();

});

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

//5. call function

validate\_description();

});

//4. Define Validate Function

function validate\_uomType(){

var val=$("#uomType").val();

if(val==''){

$("#uomTypeError").show();

$("#uomTypeError").html("Please Choose <b>one option</b>");

$("#uomTypeError").css("color","red");

uomTypeError = false;

}else{

$("#uomTypeError").hide();

uomTypeError = true;

}

return uomTypeError;

}

function validate\_uomModel(){

var val = $("#uomModel").val();

var exp=/^[A-Z]{2,8}$/;

if(val==''){

$("#uomModelError").show();

$("#uomModelError").html("Model <b>can not be empty</b>");

$("#uomModelError").css("color","red");

uomModelError = false;

}

else if(!exp.test(val)){

$("#uomModelError").show();

$("#uomModelError").html("Model <b>must be 2-8 chars only!!</b>");

$("#uomModelError").css("color","red");

uomModelError = false;

}else{

$("#uomModelError").hide();

uomModelError = true;

}

return uomModelError;

}

function validate\_description(){

var val = $("#description").val();

var exp=/^[A-Za-z0-9\s]{10,50}$/;

if(val==''){

$("#descriptionError").show();

$("#descriptionError").html("Description <b>can not be empty</b>");

$("#descriptionError").css("color","red");

descriptionError = false;

}

else if(!exp.test(val)){

$("#descriptionError").show();

$("#descriptionError").html("Description <b>must be 10-50 chars only!!</b>");

$("#descriptionError").css("color","red");

descriptionError = false;

}else{

$("#descriptionError").hide();

descriptionError = true;

}

return descriptionError;

}

//on form submit call all validations

$("#myForm").submit(function(){

uomTypeError = true;

uomModelError = true;

descriptionError = true;

//true means valid, false means invalid

validate\_uomType();

validate\_uomModel();

validate\_description();

if(uomTypeError && uomModelError && descriptionError){

return true;

}

return false;

});

});