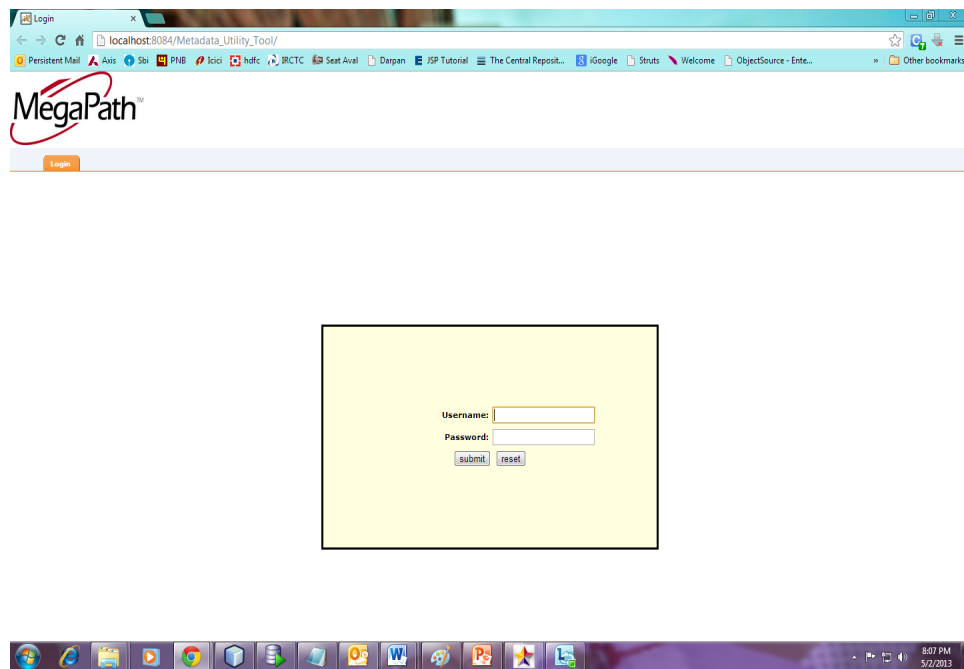


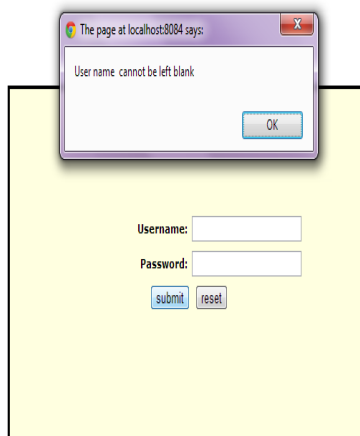
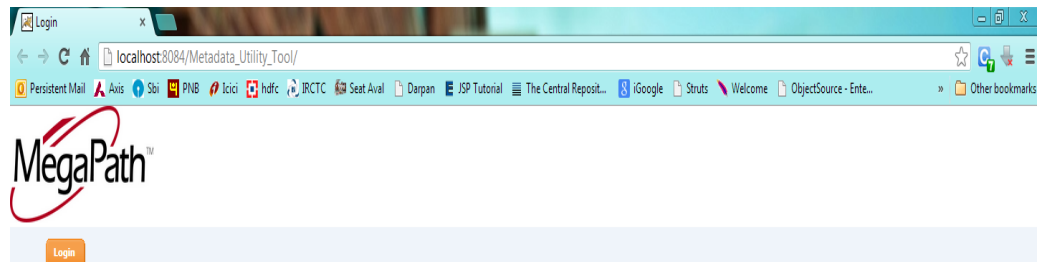
ANNEXURES

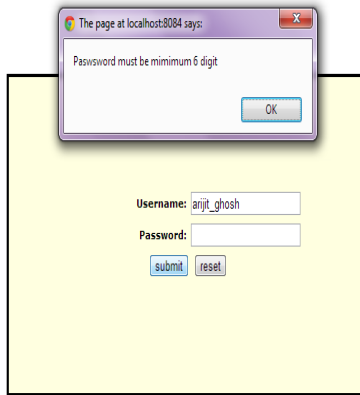
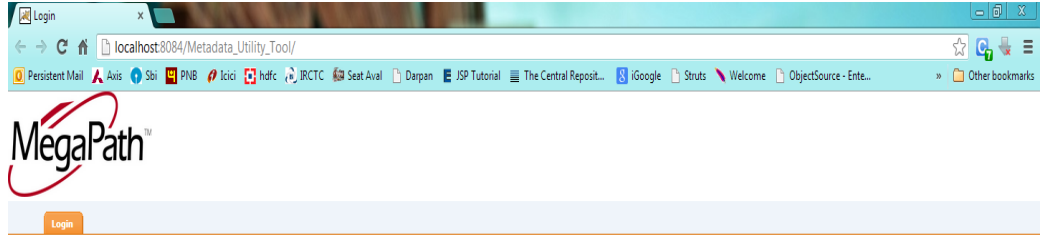
ANNEXURE 1: USER INTERFACE SCREENS

Login Screen

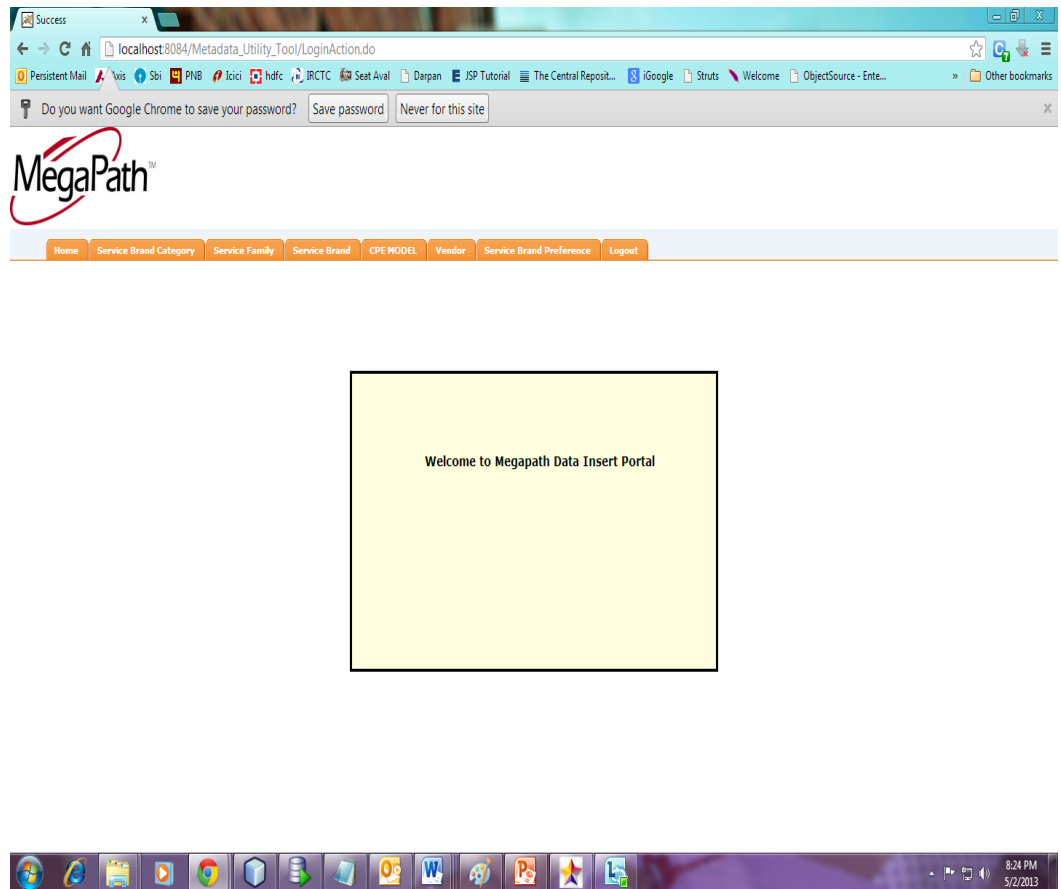


Login Validation





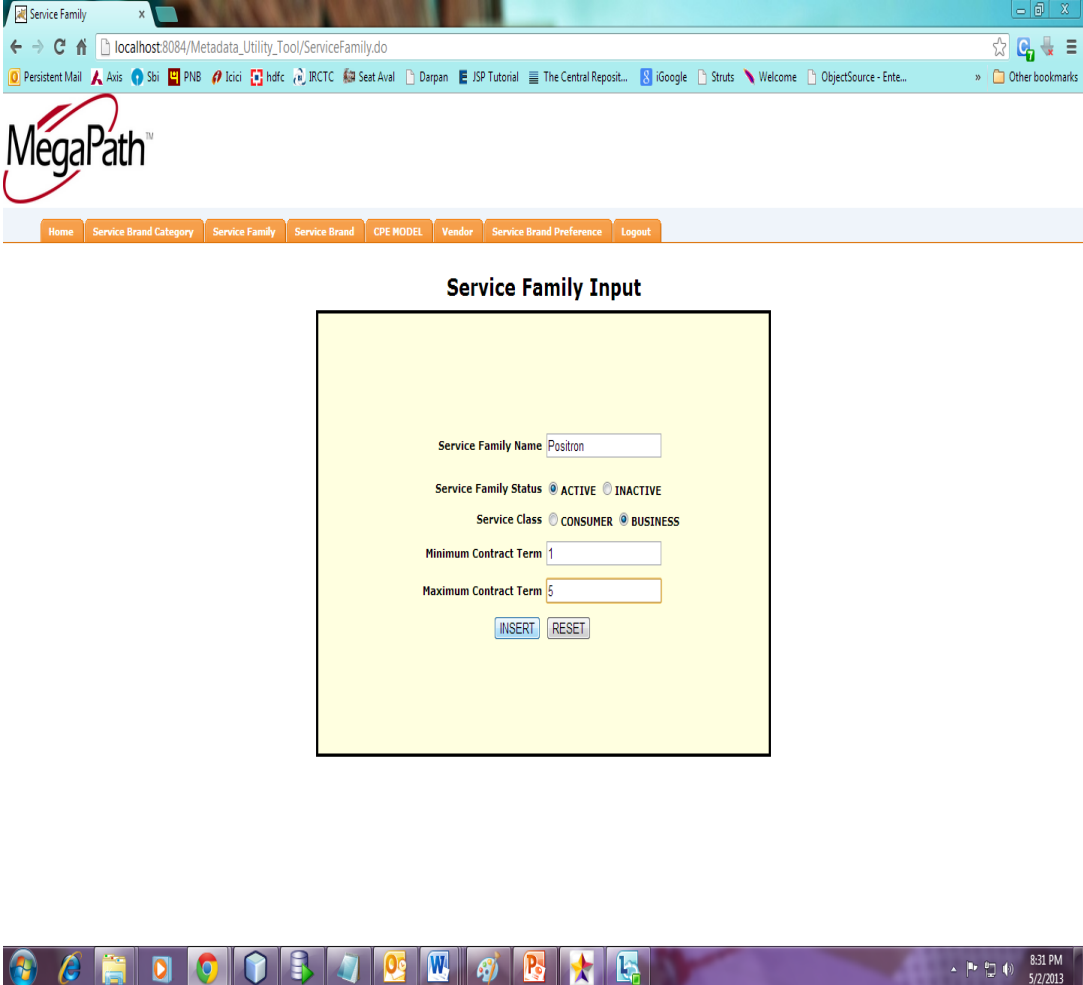
Homepage



Add Service Brand Category

The screenshot shows a web browser window with the address bar displaying `localhost:8084/Metadata_Utility_Tool/ServiceBrandCategory.do`. The browser's bookmark bar includes links for Persistent Mail, Axis, Sbi, PNB, Icici, hdfc, IRCTC, Seat Aval, Darpan, JSP Tutorial, The Central Reposit..., iGoogle, Struts, Welcome, and ObjectSource - Ente... The MegaPath logo is visible in the top left corner of the page. A navigation menu below the logo contains the following items: Home, Service Brand Category, Service Family, Service Brand, CPE MODEL, Vendor, Service Brand Preference, and Logout. The main content area is titled "Service Brand Category Input" and features a form with a text input field labeled "Service Brand Category Name" containing the text "teleoso". Below the input field are two buttons: "INSERT" and "RESET". The Windows taskbar at the bottom of the screen shows various application icons and a system tray with the time 8:29 PM and date 5/2/2013.

Add Service Family



The screenshot shows a web browser window with the address bar displaying `localhost:8084/Metadata_Utility_Tool/ServiceFamily.do`. The browser's bookmark bar includes links for Persistent Mail, Axis, Sbi, PNB, Icici, hdfc, IRCTC, Seat AVAL, Darpan, JSP Tutorial, The Central Reposit..., iGoogle, Struts, Welcome, and ObjectSource - Ente... The MegaPath logo is visible in the top left corner of the application page. A navigation menu at the top contains links for Home, Service Brand Category, Service Family, Service Brand, CPE MODEL, Vendor, Service Brand Preference, and Logout. The main content area is titled "Service Family Input" and contains a form with the following fields and options:

- Service Family Name:
- Service Family Status: ACTIVE INACTIVE
- Service Class: CONSUMER BUSINESS
- Minimum Contract Term:
- Maximum Contract Term:
- Buttons:

The Windows taskbar at the bottom shows various application icons and a system tray with the time 8:31 PM and date 5/2/2013.

Add Service Brand

Service Brand Input

Service Brand Name: SOHO

Service Family Name: TeleSpeed DSL+IP [Add new Service Family](#)

Service Brand Category: ETHERNET REACH [Add new Service Brand Category](#)

Service Brand Status: ACTIVE INACTIVE

Service Brand Current Maximum DownStream: 4000 KBPS

Service Brand Current Maximum UPStream: 4000 KBPS Provision Upstream and downstream are same

Service Brand Current Minimum DownStream: 4000 KBPS

Service Brand Provision Maximum DownStream: 4000 KBPS

Service Brand Provision Maximum UpStream: 4000 KBPS

Access Only: YES NO

Self Install Professional Install

CPE Managed By COVAD: YES NO

Inside Wiring Permitted: YES NO

L2 Access Technology: FRAME

Revenue GL Account:

Cogs GL Account:

Non Service Activation: Data Remote BIA

Fixed Number of Loops: 5

Service Activation: Data Remote BIA

Vendor Tech Type: POTS-Samsung Telecom

CFA Usage Type: LineSplitting

SHDSL-Adtran:

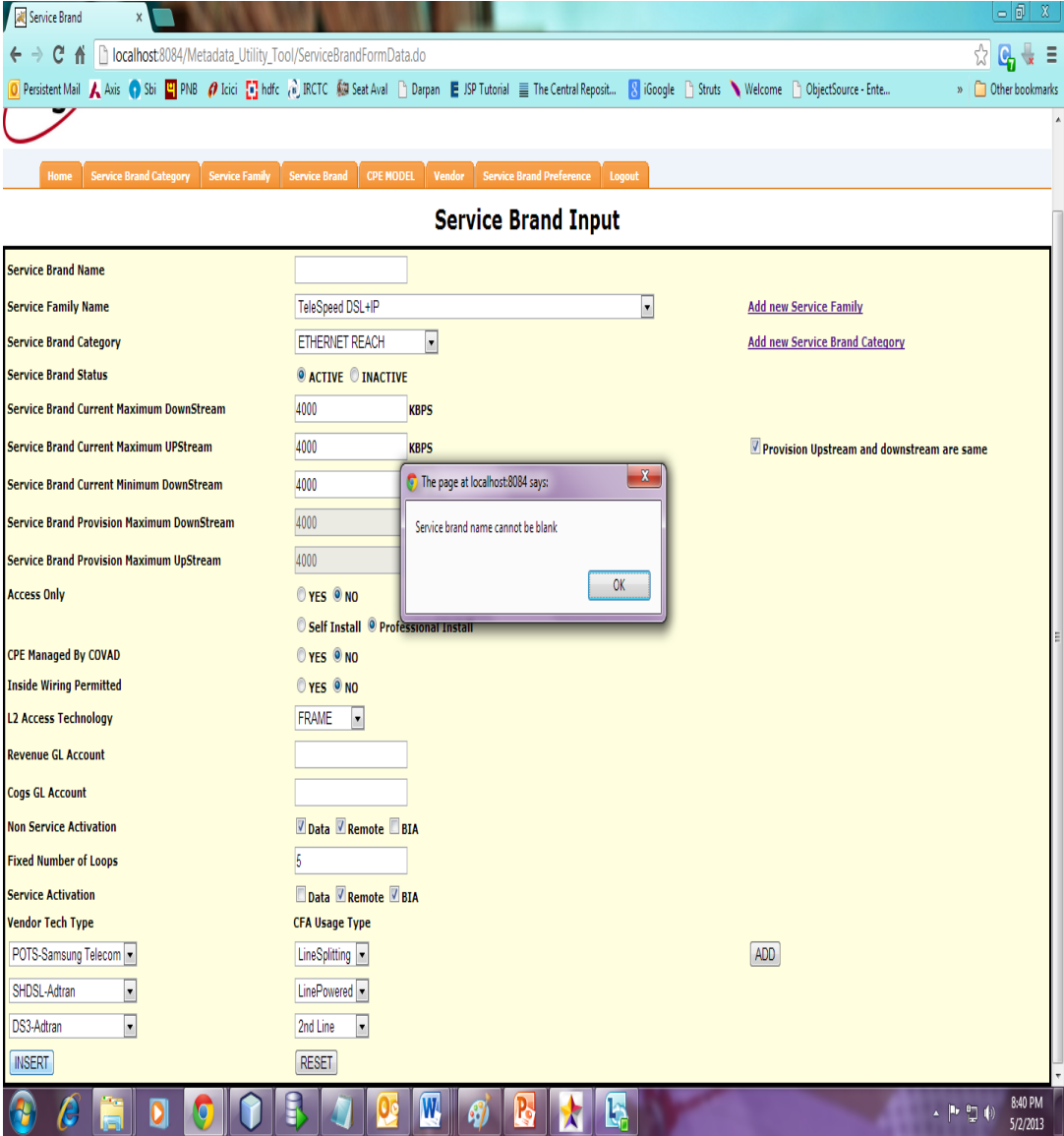
LinePowered:

DS3-Adtran:

2nd Line:

8:34 PM 5/2/2013

Validation on Service Brand



Service Brand

localhost:8084/Metadatas_Utility_Tool/ServiceBrandFormData.do

Persistent Mail Axis Sbi PNB Ilici hdfc IRCTC Seat Aval Darpan JSP Tutorial The Central Reposit... iGoogle Struts Welcome ObjectSource - Ente... Other bookmarks

Home Service Brand Category Service Family Service Brand CPE MODEL Vendor Service Brand Preference Logout

Service Brand Input

Service Brand Name: SOHO

Service Family Name: TeleSpeed DSL+IP [Add new Service Family](#)

Service Brand Category: ETHERNET REACH [Add new Service Brand Category](#)

Service Brand Status: ACTIVE INACTIVE

Service Brand Current Maximum DownStream: efefe KBPS

Service Brand Current Maximum UPStream: 4000 KBPS Provision Upstream and downstream are same

Service Brand Current Minimum DownStream: 4000

Service Brand Provision Maximum DownStream: 4000

Service Brand Provision Maximum UpStream: 4000

Access Only: YES NO

Self Install Professional

CPE Managed By COVAD: YES NO

Inside Wiring Permitted: YES NO

L2 Access Technology: FRAME

Revenue GL Account:

Cogs GL Account:

Non Service Activation: Data Remote BIA

Fixed Number of Loops: 5

Service Activation: Data Remote BIA

Vendor Tech Type: POTS-Samsung Telecom SHDSL-Adtran DS3-Adtran

CFA Usage Type: LineSplitting LinePowered 2nd Line

The page at localhost:8084 says:
Current max upstream and down stream must be in numbers

Waiting for localhost...

8:41 PM 5/2/2013

Firefox | Service Brand | localhost:8084/Metadata_Utility_Tool/ServiceBrandFormData.do

MegaPath™

Home | Service Brand Category | Service Family | Service Brand | CPE MODEL | Vendor | Service Brand Preference | Logout

Service Brand Input

Service Brand Name	soho	
Service Family Name	STANDARD	Add new Service Family
Service Brand Category	FRAME ACCESS	Add new Service Brand Category
Service Brand Status	<input type="radio"/> ACTIVE <input type="radio"/> INACTIVE	Status of Service Brand must be checked
Service Brand Current Maximum DownStream	2000 KBPS	<input checked="" type="checkbox"/> Provision Upstream and downstream are same
Service Brand Current Maximum UPStream	2000 KBPS	
Service Brand Current Minimum DownStream	2000 KBPS	
Service Brand Provision Maximum DownStream	2000 KBPS	
Service Brand Provision Maximum UpStream	2000 KBPS	
Access Only	<input checked="" type="radio"/> YES <input type="radio"/> NO	
CPE Managed By COVAD	<input checked="" type="radio"/> YES <input type="radio"/> NO	
Inside Wiring Permitted	<input checked="" type="radio"/> YES <input type="radio"/> NO	
L2 Access Technology	FRAME	
Revenue GL Account		
Cogs GL Account		
Non Service Activation	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Remote <input checked="" type="checkbox"/> BIA	
Fixed Number of Loops	5	
Service Activation	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Remote <input type="checkbox"/> BIA	
Vendor Tech Type	CFA Usage Type	
IDSL-Diamond Lane	LineSplitting	<input type="button" value="ADD"/>
<input type="button" value="INSERT"/>	<input type="button" value="RESET"/>	

8:51 PM 5/2/2013

Add Cpe Model

Service Brand Loading... CPE Model

localhost:8084/Metadata_Utility_Tool/CPEModel.do

Persistent Mail Axis Sbi PNB Icici hdfc IRCTC Seat Aival Darpan JSP Tutorial The Central Reposit... iGoogle Struts Welcome ObjectSource - Ente... Other bookmarks

MegaPath™

Home Service Brand Category Service Family Service Brand CPE MODEL Vendor Service Brand Preference Logout

CPE Model Input

CPE Model Name

Vendor Name [Add new Vendor](#)

CPE Status ACTIVE INACTIVE

Number of ports

Number of slots

Management IP Support YES NO

Vendor Tech Type

Preference Ranking

8:42 PM
5/2/2013

Add Vendor

Success Vendor

localhost:8084/Metadada_Utility_Tool/Vendor.do

Persistent Mail Axis Sbi PNB Icici hdfc IRCTC Seat Aival Darpan JSP Tutorial The Central Reposit... iGoogle Struts Welcome ObjectSource - Ente... Other bookmarks

MegaPath™

Home Service Brand Category Service Family Service Brand CPE MODEL Vendor Service Brand Preference Logout

Vendor Input

Vendor Name

8:43 PM 5/2/2013

ANNEXURE:3 SAMPLE CODE

```
<%--
```

```
Document : servicebrand
```

```
Created on : Apr 4, 2013, 10:47:05 AM
```

```
Author : arijit_ghosh
```

```
--%>
```

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<!DOCTYPE html>
```

```
<%@ taglib uri="http://struts.apache.org/tags-html" prefix="h" %>
```

```
<%@ taglib uri="http://struts.apache.org/tags-logic" prefix="l" %>
```

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

```
<h:html>
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html;  
charset=UTF-8">
```

```
<title>Service Brand</title>
```

```
<script type="text/javascript">
```

```
var count=1;
```

```
function chkprov(){

    if(document.getElementById('chk_prov').checked)
    {

document.getElementById('provmaxdn').value=document.getElementById('curmaxdn').value;

document.getElementById('provmaxup').value=document.getElementById('curmaxup').value;

        document.getElementById('provmaxdn').disabled=true;
        document.getElementById('provmaxup').disabled=true;
    }

else if(document.getElementById('chk_prov').checked==false)
    {
        document.getElementById('provmaxdn').value=0;
        document.getElementById('provmaxup').value=0;
        document.getElementById('provmaxdn').disabled=false;
        document.getElementById('provmaxup').disabled=false;
    }
}
```

```

function chk_click()
{
    if(document.getElementById('svcbrandname').value=="")
    {
        alert("Service brand name cannot be blank");
        return false;
    }

else if(document.getElementById('statusact').checked==false &&
document.getElementById('statusinact').checked==false)
    {
        alert("Status of Service Brand must be checked");
        return false;
    }

else if(isNaN(document.getElementById('curmaxdn').value)
==true ||isNaN(document.getElementById('curmaxup').value)
==true ||document.getElementById('curmaxdn').value=="||
document.getElementById('curmaxup').value=="")
    {
        alert("Current max upstream and down stream must be
in numbers");
    }
}

```



```
        return false;
    }
}
```

```
function add()
```

```
{
```

```
    count++;
```

```
    var s="t"+ count;
```

```
    document.getElementById(s).hidden=false;
```

```
    document.getElementById('techcount').value=count;
```

```
}
```

```
function hide_install()
```

```
{
```

```
    document.getElementById('r3').hidden=true;
```

```
    document.getElementById('self').checked=false;
```

```
    document.getElementById('prof').checked=false;
```

```
    }  
    function unhide_install()  
    {  
        document.getElementById('r3').hidden=false;  
    }  
</script>  
</head>  
<body>  
    <h:form action="ServiceBrandAction.do">  
        <br><br>  
        <center>  
            <h1> <label>Service Brand Input</label></h1>  
            <div style="border-style: solid; background-color:  
lightyellow">  
                <table width="100%">  
  
                    <tr>  
  
                        <td >Service Brand Name</td>  
  
                        <td><h:text property="servicebrandname"  
styleId="svcbrandname"/></td>
```

```
</tr>
```

```
<tr>
```

```
<td >Service Family Name</td>
```

```
<td><h:select property="servicefamilyname">
```

```
<c:forEach items="{service_family}"  
var="svcfamily">
```

```
<h:option value="{svcfamily.key}">{svcfamily.value}</  
h:option>
```

```
</c:forEach>
```

```
</h:select></td>
```

```
<td><a href="ServiceFamily.do"  
target="_blank">Add new Service Family</a></td>
```

```
</tr>
```

```
<tr>
```

```
<td >Service Brand Category</td>
```

```
<td><h:select property="servicebrandcategory">
```

```
<c:forEach items="{service_brand_category}"  
var="svcbrndcategory">
```

```
<h:option  
value="{svcbrndcategory.value}">{svcbrndcategory.value}</  
h:option>
```

```
</c:forEach>
```

```
</h:select></td>
```

```
<td><a href="ServiceBrandCategory.do"  
target="_blank">Add new Service Brand Category</a></td>
```

```
</tr>
```

```
<tr>
```

```
<td >Service Brand Status</td>
```

```
<td><h:radio property="servicebrandstatus"
value="ACTIVE" styleId="statusact"/>ACTIVE
```

```
<h:radio property="servicebrandstatus"
value="INACTIVE" styleId="statusinact"/>INACTIVE</td>
```

```
</tr>
```

```
<tr>
```

```
<td >Service Brand Current Maximum
DownStream</td>
```

```
<td><h:text property="curmaxdwnstrm"
styleId="curmaxdn"/>KBPS</td>
```

```
</tr>
```

```
<tr>
```

```
<td >Service Brand Current Maximum UPStream</
td>
```

```
<td><h:text property="curmaxupstrm"
styleId="curmaxup"/>KBPS</td>
```

```
<td><h:checkbox property="chk"
onchange="chkprov()" styleId="chk_prov"/>Provision Upstream
and downstream are same</td>
```

</tr>

<tr>

<td >Service Brand Current Minimum
DownStream</td>

<td><h:text property="curmindwnstrm"
styleId="curmindn"/>KBPS</td>

</tr>

<tr >

<td >Service Brand Provision Maximum
DownStream</td>

<td><h:text property="provmaxdwnstrm"
styleId="provmaxdn"/>KBPS</td>

</tr>

<tr >

<td >Service Brand Provision Maximum
UpStream</td>

<td><h:text property="provmaxupstrm"
styleId="provmaxup"/>KBPS</td>

</tr>

<tr>

<td >Access Only</td>

<td><h:radio property="accessonly" value="Y"
onclick="hide_install()"/>YES

<h:radio property="accessonly" value="N"
onclick="unhide_install()"/>NO</td>

</tr>

<tr id="r3" hidden>

<td ></td>

<td><h:radio property="install" value="self"
styleId="self" />Self Install

<h:radio property="install" value="prof"
styleId="prof" />Professional Install</td>

</tr>

```
<tr>
  <td >CPE Managed By COVAD</td>
  <td><h:radio property="cpemanage" value="Y" /
>YES
  <h:radio property="cpemanage" value="N" /
>NO</td>
```

```
</tr>
```

```
<tr>
```

```
  <td >Inside Wiring Permitted</td>
  <td><h:radio property="wiring" value="Y" />YES
  <h:radio property="wiring" value="N" />NO</td>
```

```
</tr>
```

```
<tr>
```

```
  <td >L2 Access Technology</td>
  <td><h:select property="l2accesstech">
```



```
<h:option value="1">ATM</h:option>
<h:option value="2">FRAME</h:option>
<h:option value="3">ETHERNET</h:option>
</h:select></td>
```

```
</tr>
```

```
<tr>
```

```
<td >Revenue GL Account</td>
```

```
<td><h:text property="revglacc" /></td>
```

```
</tr>
```

```
<tr>
```

```
<td >Cogs GL Account</td>
```

```
<td><h:text property="cogsglacc" /></td>
```

```
</tr>
```

```
<tr>
```

```
<td >Non Service Activation</td>
```

```
<td><h:checkbox property="nondata"/>Data
```

```
<h:checkbox property="nonremote"/>Remote
```

```
<h:checkbox property="nonbia"/>BIA</td>
```

```
</tr>
```

```
<tr>
```

```
<td >Fixed Number of Loops</td>
```

```
<td><h:text property="fxdnoofloops"/></td>
```

```
</tr>
```

```
<tr>
```

```
<td >Service Activation</td>
```

```
<td><h:checkbox property="data"/>Data
```

```
<h:checkbox property="remote"/>Remote
```

```
<h:checkbox property="bia"/>BIA</td>
```

```
</tr>
```

```
<tr>
```

```
<td >Vendor Tech Type </td><td> CFA Usage Type
</td></tr>
```

```
<tr> <td> <h:select property="tectype1">
<c:forEach items="{vendor_tech_type}"
var="tectype">
<h:option value="{tectype.key}">{tectype.value}</h:option>
</c:forEach>
```

```
</h:select></td>
```

```
<td><h:select property="cfausageid1">
<c:forEach items="{cfa_usage_type}"
var="cfatype">
<h:option value="{cfatype.key}">{cfatype.value}</h:option>
</c:forEach>
```

```
</h:select>
```

```
</td>
```

```
<td>
```

```
    <h:button property="add1" value="ADD"  
onclick="add()"/>
```

```
</td>
```

```
</tr>
```

```
<tr id="t2" hidden>
```

```
    <td> <h:select property="tectype2">  
        <c:forEach items="{vendor_tech_type}"  
var="tectype">  
    <h:option value="{tectype.key}">{tectype.value}</h:option>  
    </c:forEach>
```

```
        </h:select></td>
    <td><h:select property="cfausageid2">
        <c:forEach items="{cfa_usage_type}"
var="cfatype">
    <h:option value="{cfatype.key}">{cfatype.value}</h:option>
        </c:forEach>
```

```
        </h:select>
    </td>

</tr>
<tr id="t3" hidden>
    <td> <h:select property="tectype3">
        <c:forEach items="{vendor_tech_type}"
var="tectype">
    <h:option value="{tectype.key}">{tectype.value}</h:option>
        </c:forEach>
```

```
        </h:select></td>
    <td><h:select property="cfausageid3">
        <c:forEach items="{cfa_usage_type}"
var="cfatype">
    <h:option value="{cfatype.key}">{cfatype.value}</h:option>
        </c:forEach>
    </h:select>
</td>
</tr>
<tr id="t4" hidden>
    <td> <h:select property="tectype4">
        <c:forEach items="{vendor_tech_type}"
var="tectype">
    <h:option value="{tectype.key}">{tectype.value}</h:option>
```

```
</c:forEach>
```

```
</h:select></td>
```

```
<td><h:select property="cfausageid4">
```

```
<c:forEach items="{cfa_usage_type}"  
var="cfatype">
```

```
<h:option value="{cfatype.key}">{cfatype.value}</h:option>
```

```
</c:forEach>
```

```
</h:select>
```

```
</td>
```

```
</tr>
```

```
<tr hidden="">
```

```
<td><h:text property="techcount" styleId="techcount" value="1"/></td>
```

```
</tr>
```

```
<tr> <td ><h:submit value="INSERT" onclick="chk_click();" /></td>
```

```
<td><h:reset value="RESET"/></td></tr>
```

```
</table>
```

```
</div></center>
```

```
</h:form>
```

```
</body>
```

```
</h:html>
```