# HTML to Master Page in SharePoint Online

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| Create a New Publishing Site Collection |
| Create a HTML page which is XML compliant |
| Add the SharePoint related components from the Snippet Design Manager |
| Publish the new Master Page |
| Assign Custom Permissions to Top Navigation using Audience Targeting |

1. Create a new Publishing Site Collection

Link : [https://yourname.sharepoint.com/sites/PublishDemo/](https://yourname.sharepoint.com/sites/Coke/_layouts/15/appregnew.aspx)

1. Create a simple HTML Master Page which is XML complaint.

<?xml version="1.0" encoding="utf-8"?>

<!DOCTYPE html[]>

<html>

<head>

</head>

<body>

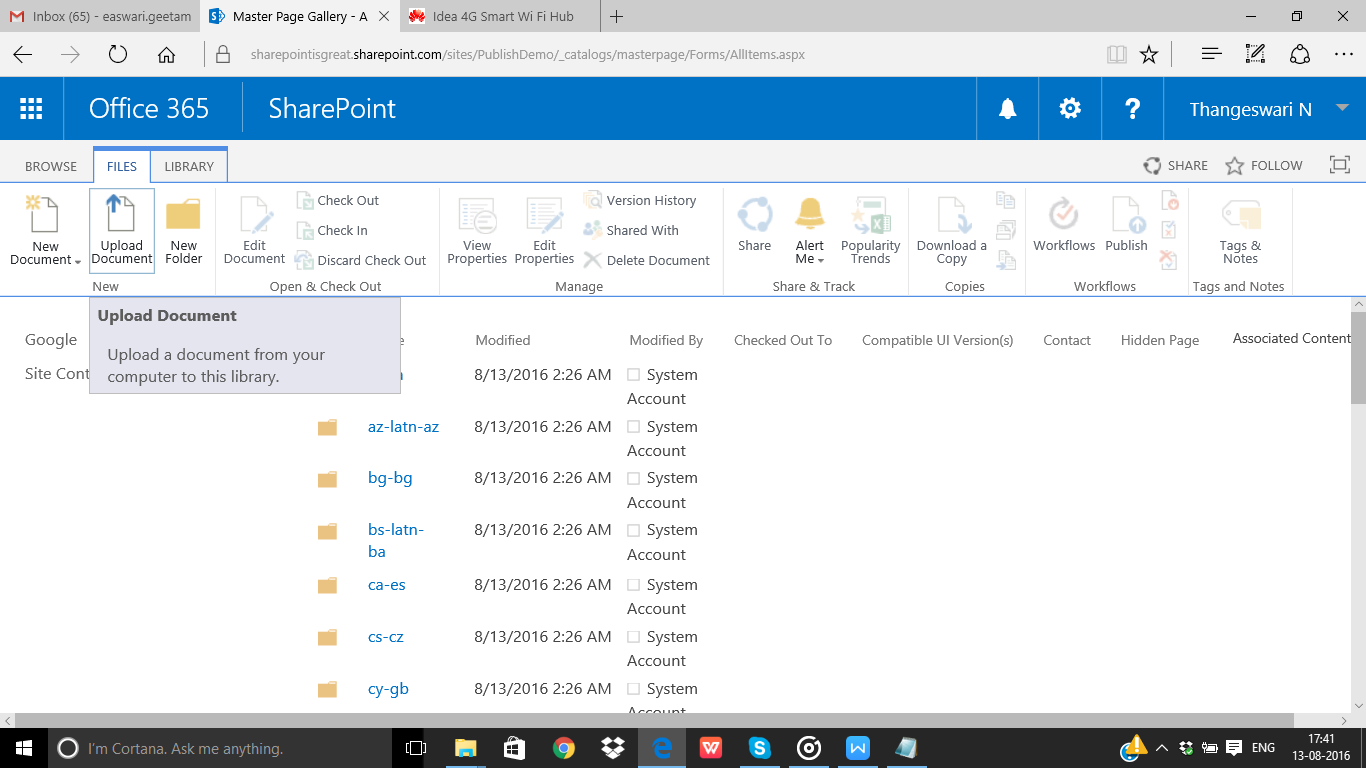
Simple HTML Page

</body>

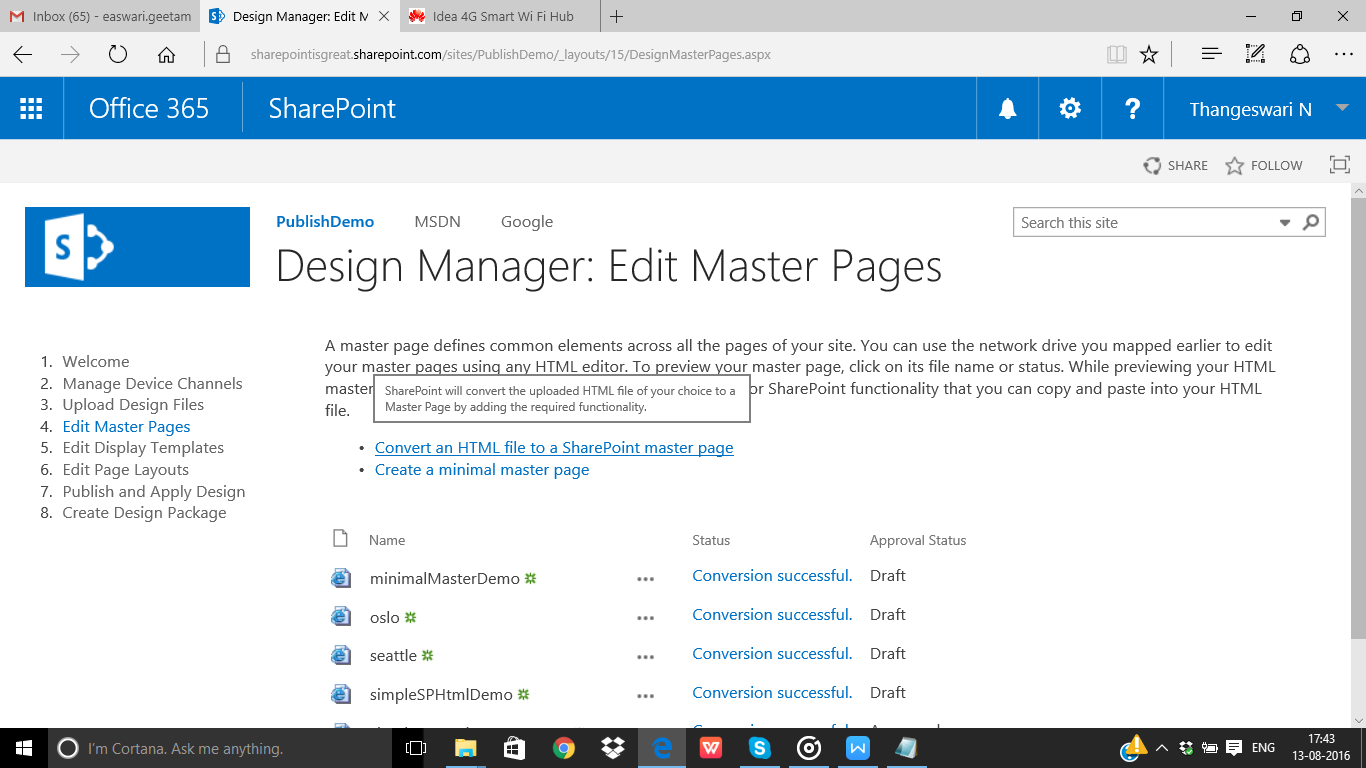
</html>

1. Upload the HTML page and convert HTML to Master Page

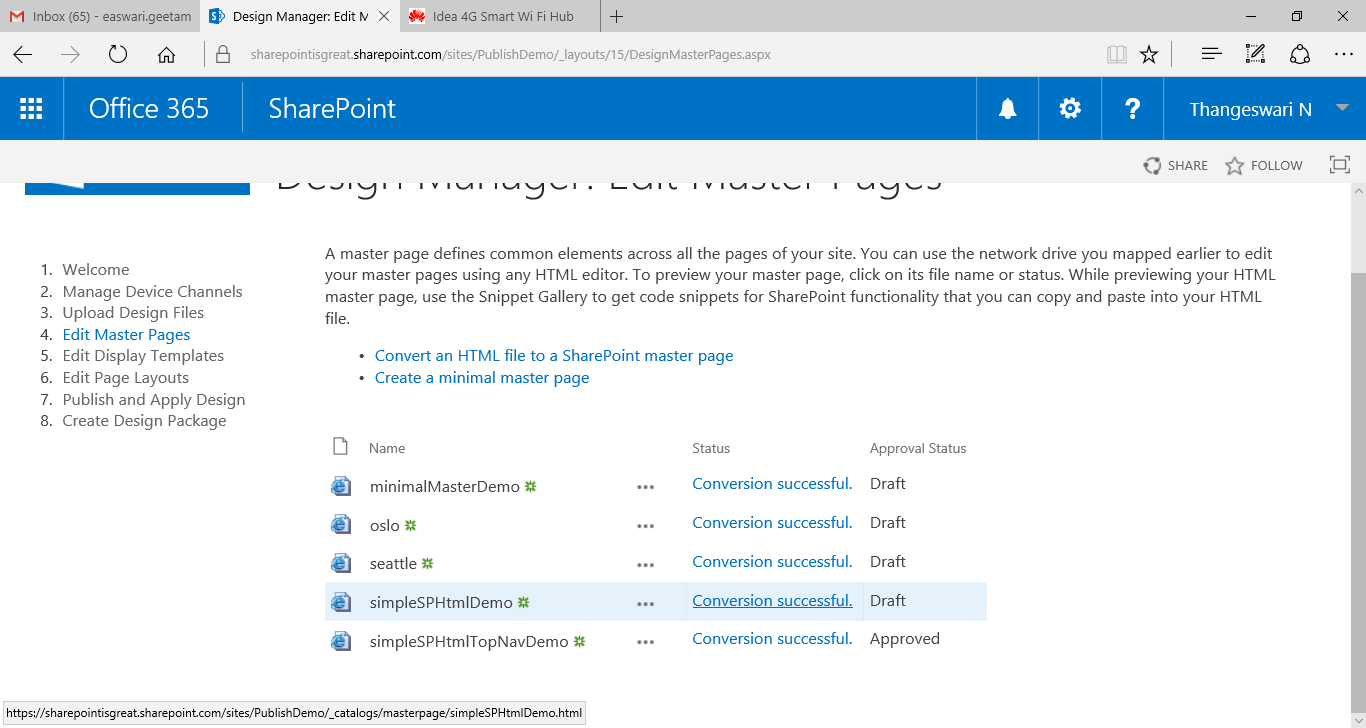
Site Actions(Gear)-> Site Settings-> Master Page and Layouts -> Upload



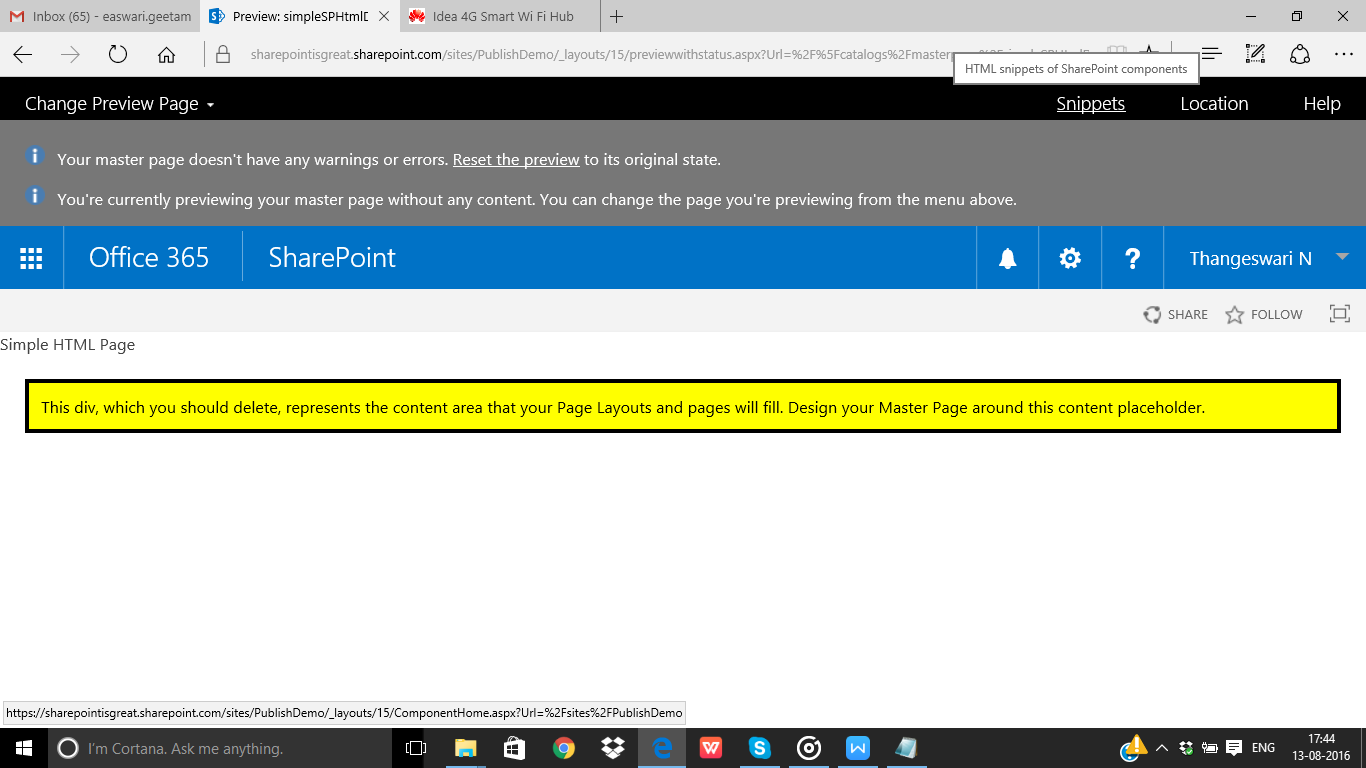
Site Actions-> Design Manager-> Edit Master Page-> Convert HTML to…

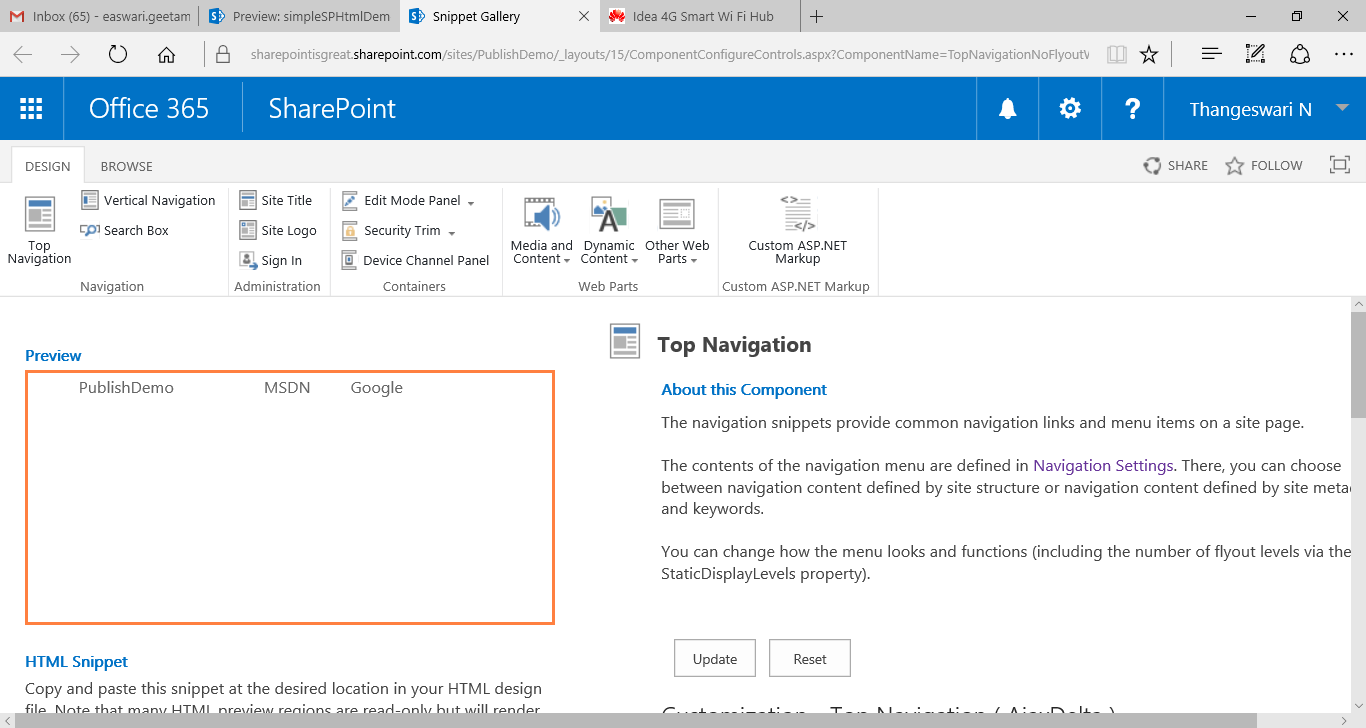


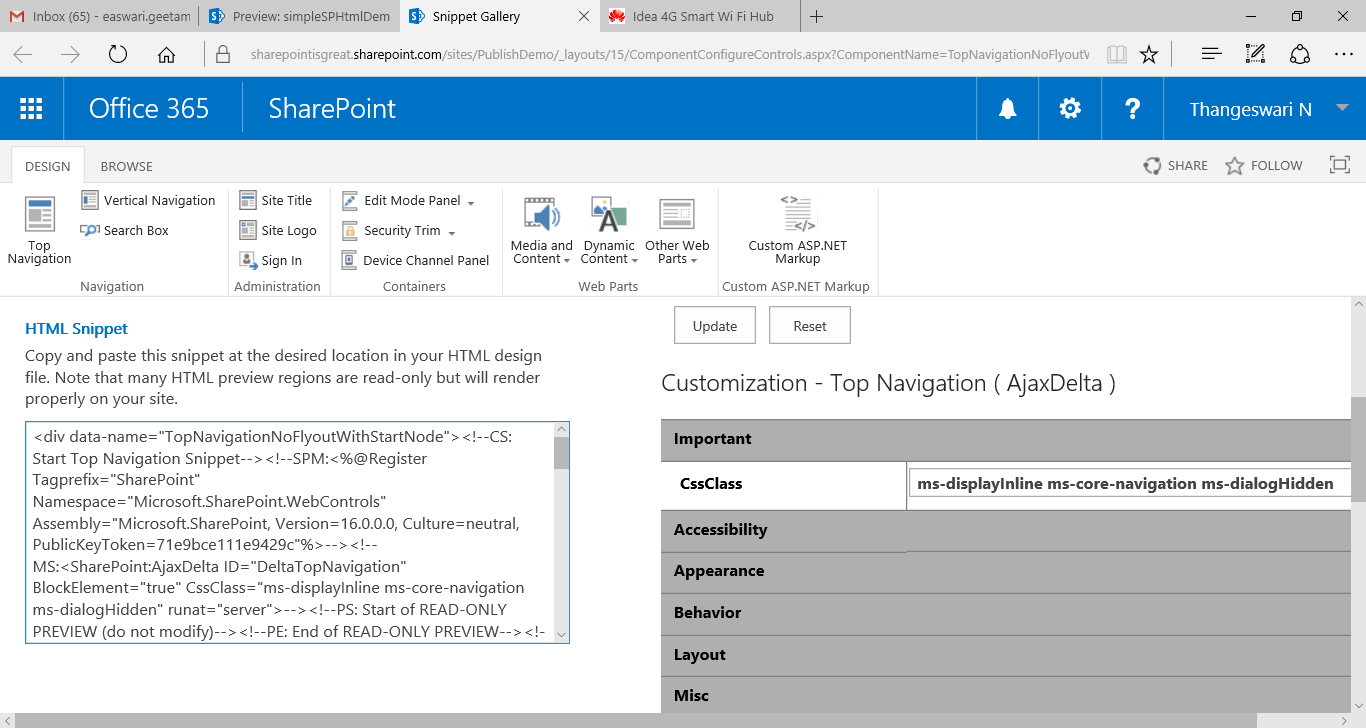
Click “Conversion Successful”



1. Click “Snippets” and Add the SharePoint Components and paste the code in a copy of the old HTML page

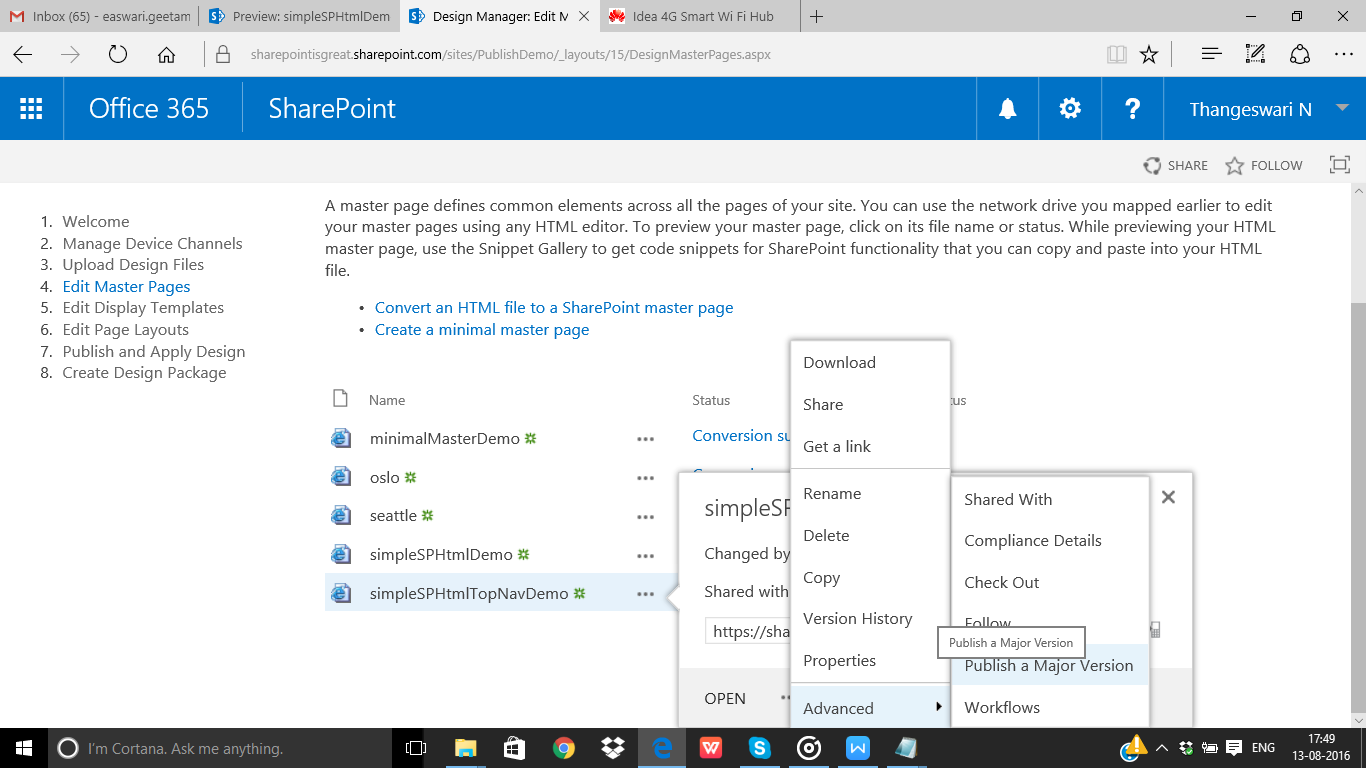






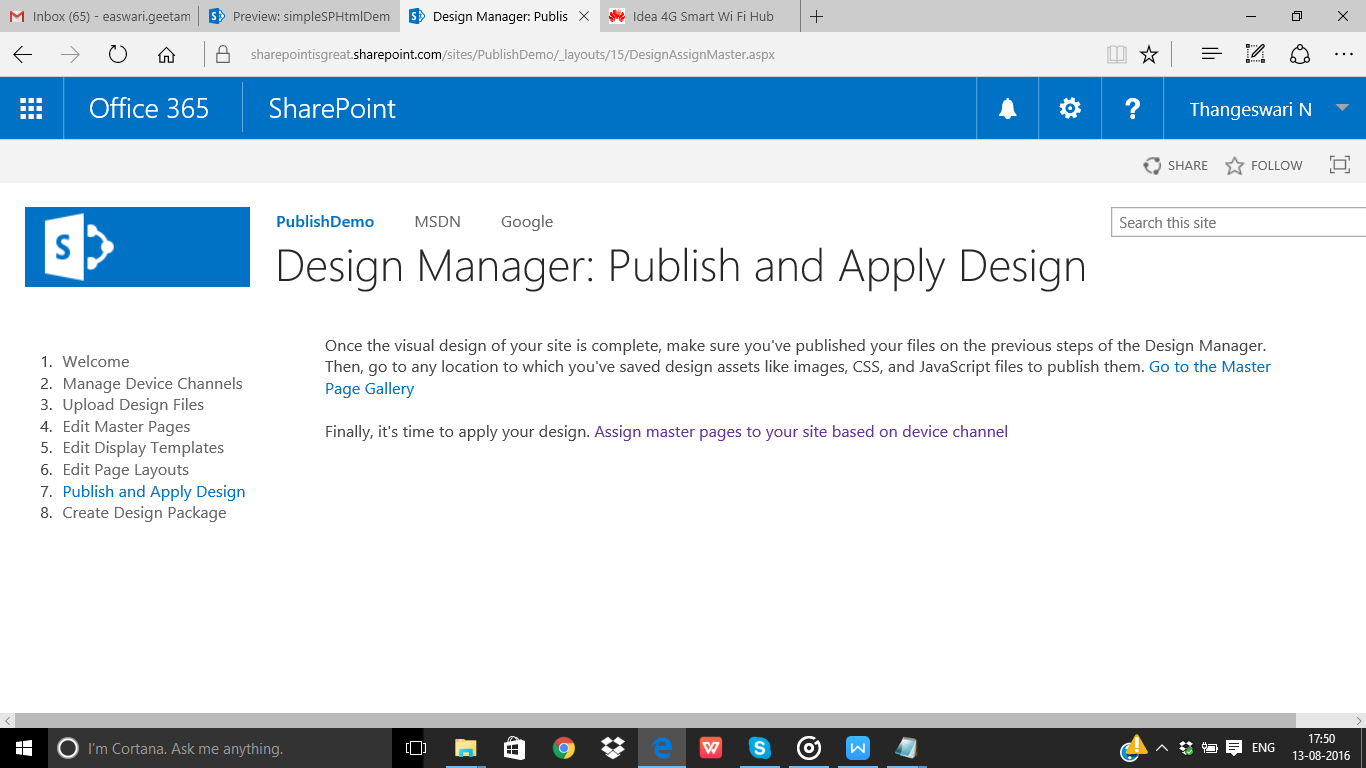
|  |  |
| --- | --- |
| ORIGINAL | UPDATED WITH TOP NAVIGATION CODE |
| <?xml version="1.0" encoding="utf-8"?>  <!DOCTYPE html[]>  <html>  <head>    </head>  <body>  Simple HTML Page  </body>  </html> | <?xml version="1.0" encoding="utf-8"?>  <!DOCTYPE html[]>  <html>  <head>    </head>  <body>  <div data-name="TopNavigationNoFlyoutWithStartNode"><!--CS: Start Top Navigation Snippet--><!--SPM:<%@Register Tagprefix="SharePoint" Namespace="Microsoft.SharePoint.WebControls" Assembly="Microsoft.SharePoint, Version=16.0.0.0, Culture=neutral, PublicKeyToken=71e9bce111e9429c"%>--><!--MS:<SharePoint:AjaxDelta runat="server" CssClass="ms-displayInline ms-core-navigation ms-dialogHidden" BlockElement="True" ID="DeltaTopNavigation">--><!--PS: Start of READ-ONLY PREVIEW (do not modify)--><!--PE: End of READ-ONLY PREVIEW--><!--MS:<SharePoint:DelegateControl runat="server" Id="topNavigationDelegate" ControlId="TopNavigationDataSource">--><!--PS: Start of READ-ONLY PREVIEW (do not modify)--><span style="display:none"><table cellpadding="4" cellspacing="0" style="font:messagebox;color:buttontext;background-color:buttonface;border: solid 1px;border-top-color:buttonhighlight;border-left-color:buttonhighlight;border-bottom-color:buttonshadow;border-right-color:buttonshadow"><tr><td nowrap="nowrap"><span style="font-weight:bold">PortalSiteMapDataSource</span> - topSiteMap</td></tr><tr><td></td></tr></table></span><!--PE: End of READ-ONLY PREVIEW--><!--MS:<Template\_Controls>--><!--MS:<asp:SiteMapDataSource ShowStartingNode="True" SiteMapProvider="SPNavigationProvider" ID="topSiteMap" runat="server" StartingNodeUrl="sid:1002">--><!--ME:</asp:SiteMapDataSource>--><!--ME:</Template\_Controls>--><!--ME:</SharePoint:DelegateControl>--><a name="startNavigation"></a><!--MS:<asp:ContentPlaceHolder ID="PlaceHolderTopNavBar" runat="server">--><!--MS:<SharePoint:AspMenu runat="server" UseSeparateCss="false" AdjustForShowStartingNode="False" StaticDisplayLevels="2" AccessKey="1" SkipLinkText="" EnableViewState="False" MaximumDynamicDisplayLevels="0" UseSimpleRendering="True" DataSourceID="topSiteMap" Orientation="Horizontal" ID="TopNavigationMenu">--><!--PS: Start of READ-ONLY PREVIEW (do not modify)--><link rel="stylesheet" type="text/css" href="/\_layouts/15/1033/styles/menu-21.css" /><div id="zz7\_TopNavigationMenu" class=" noindex ms-core-listMenu-horizontalBox"><ul id="zz9\_RootAspMenu" class="root ms-core-listMenu-root static"><li class="static ms-verticalAlignTop ms-listMenu-editLink ms-navedit-editArea"><span class="ms-navedit-editSpan" id="zz7\_TopNavigationMenu\_NavMenu\_Edit"><a id="zz7\_TopNavigationMenu\_NavMenu\_EditLinks" class="ms-navedit-editLinksText" href="#" onclick="g\_QuickLaunchMenu = null; EnsureScriptParams('quicklaunch.js', 'QuickLaunchInitEditMode', 'zz7\_TopNavigationMenu', 2, 0, 0, ''); cancelDefault(event); return false;" title="Edit Links"><span class="ms-displayInlineBlock"><span class="ms-navedit-editLinksIconWrapper ms-verticalAlignMiddle"><img class="ms-navedit-editLinksIcon" src="/\_layouts/15/images/spcommon.png?rev=43" alt="Edit Links" /></span><span class="ms-metadata ms-verticalAlignMiddle">Edit Links</span></span></a><span id="zz7\_TopNavigationMenu\_NavMenu\_Loading" class="ms-navedit-menuLoading ms-hide"><a id="zz7\_TopNavigationMenu\_NavMenu\_GearsLink" href="#" onclick="HideGears(); return false;" title="This animation indicates the operation is in progress. Click to remove this animated image."><img id="zz7\_TopNavigationMenu\_NavMenu\_GearsImage" src="/\_layouts/15/images/loadingcirclests16.gif?rev=43" alt="This animation indicates the operation is in progress. Click to remove this animated image." /></a></span><div id="zz7\_TopNavigationMenu\_NavMenu\_ErrorMsg" class="ms-navedit-errorMsg"></div></span></li></ul></div><!--PE: End of READ-ONLY PREVIEW--><!--ME:</SharePoint:AspMenu>--><!--ME:</asp:ContentPlaceHolder>--><!--PS: Start of READ-ONLY PREVIEW (do not modify)--><!--PE: End of READ-ONLY PREVIEW--><!--ME:</SharePoint:AjaxDelta>--><!--CE: End Top Navigation Snippet-->  </div>  </body>  </html> |

Upload the updated html and Approve the document



1. Publish the new Master Page

“Publish and Appy design”=>Assogn Master pages to your site…

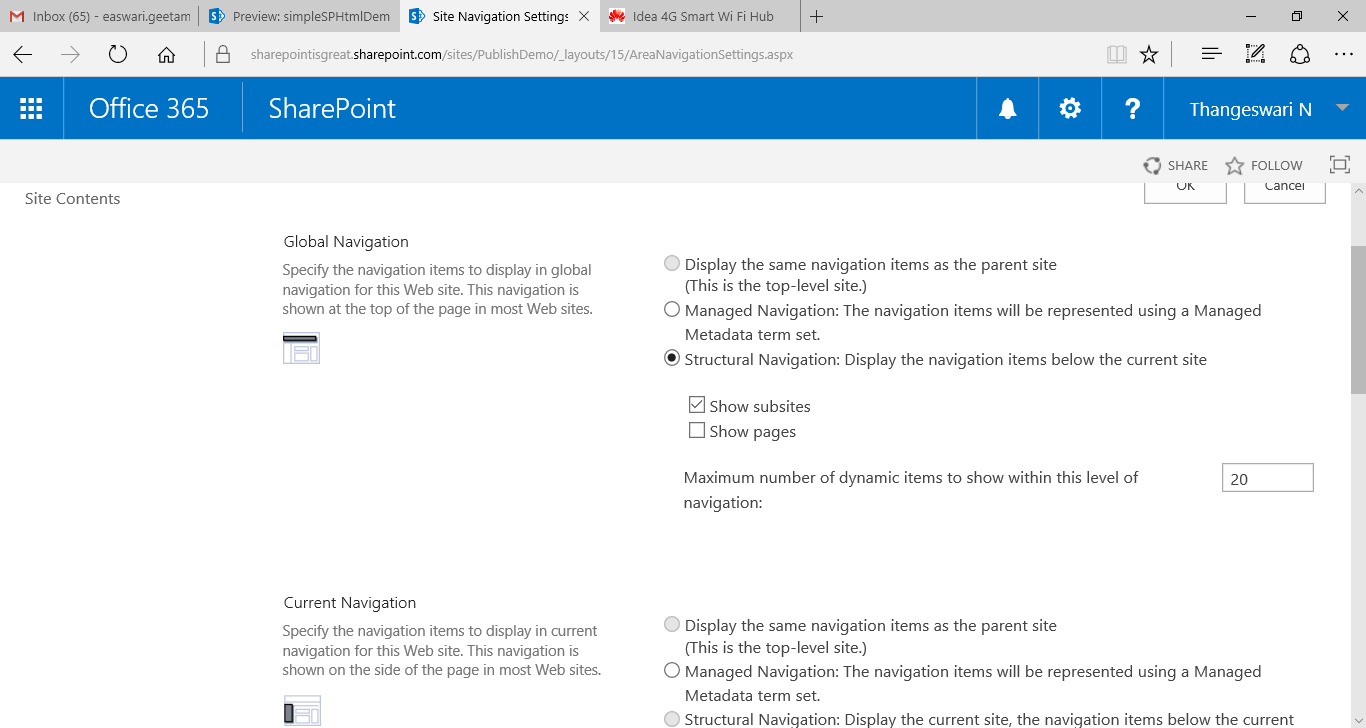


# 

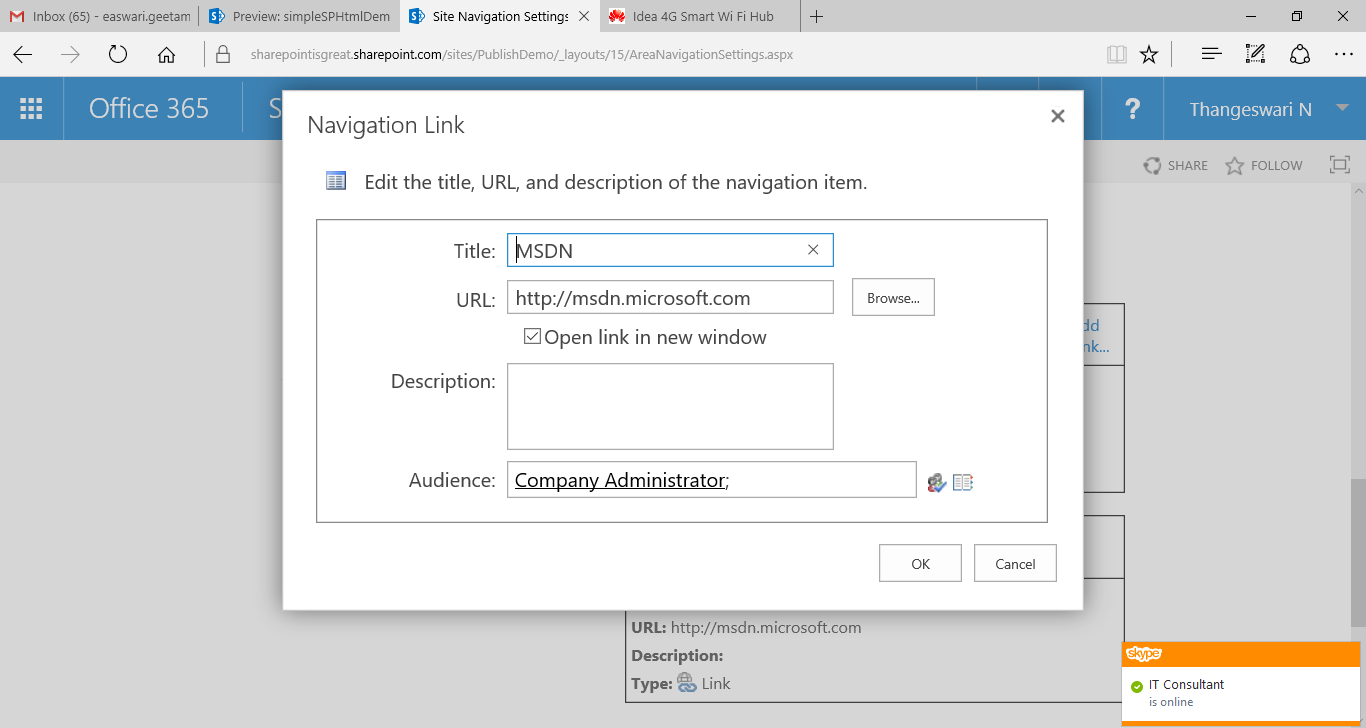
1. Audience Targeting to allow only specific users to view a link.

Site Actions-> Site Settings-> Navigation

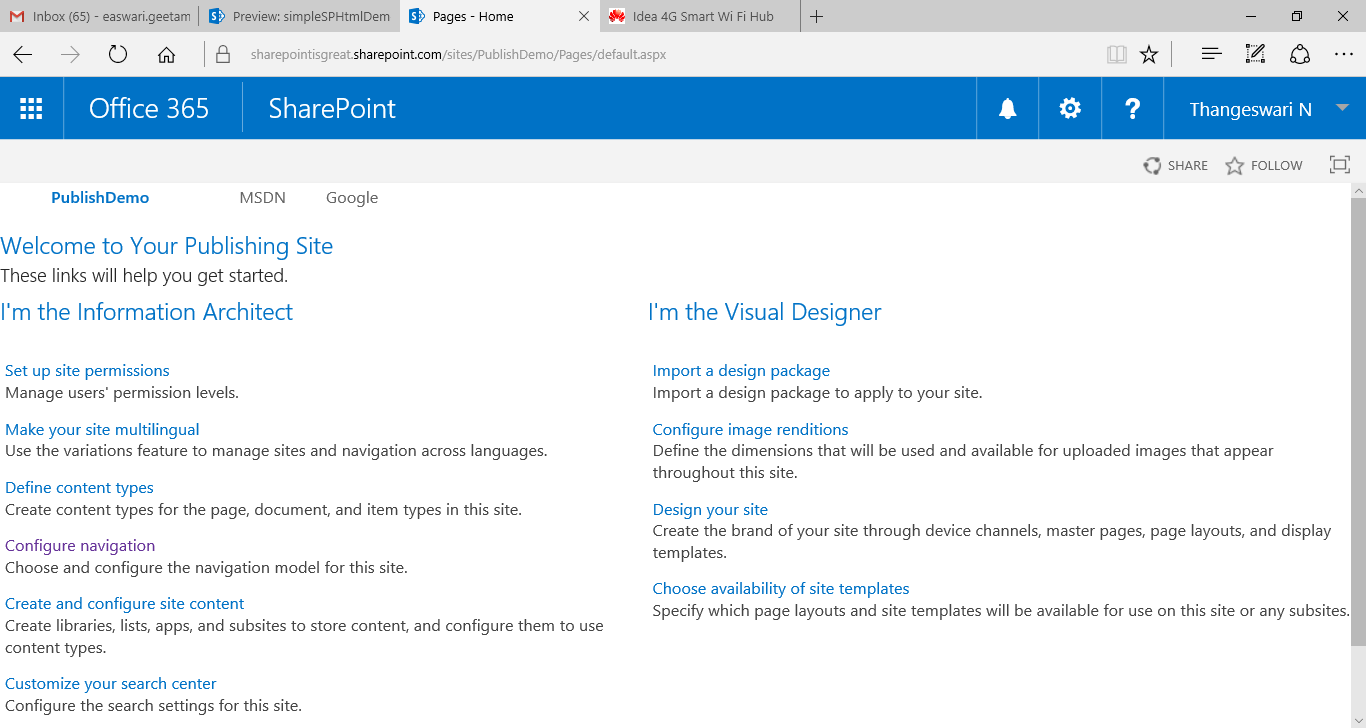
Select Structural Navigation



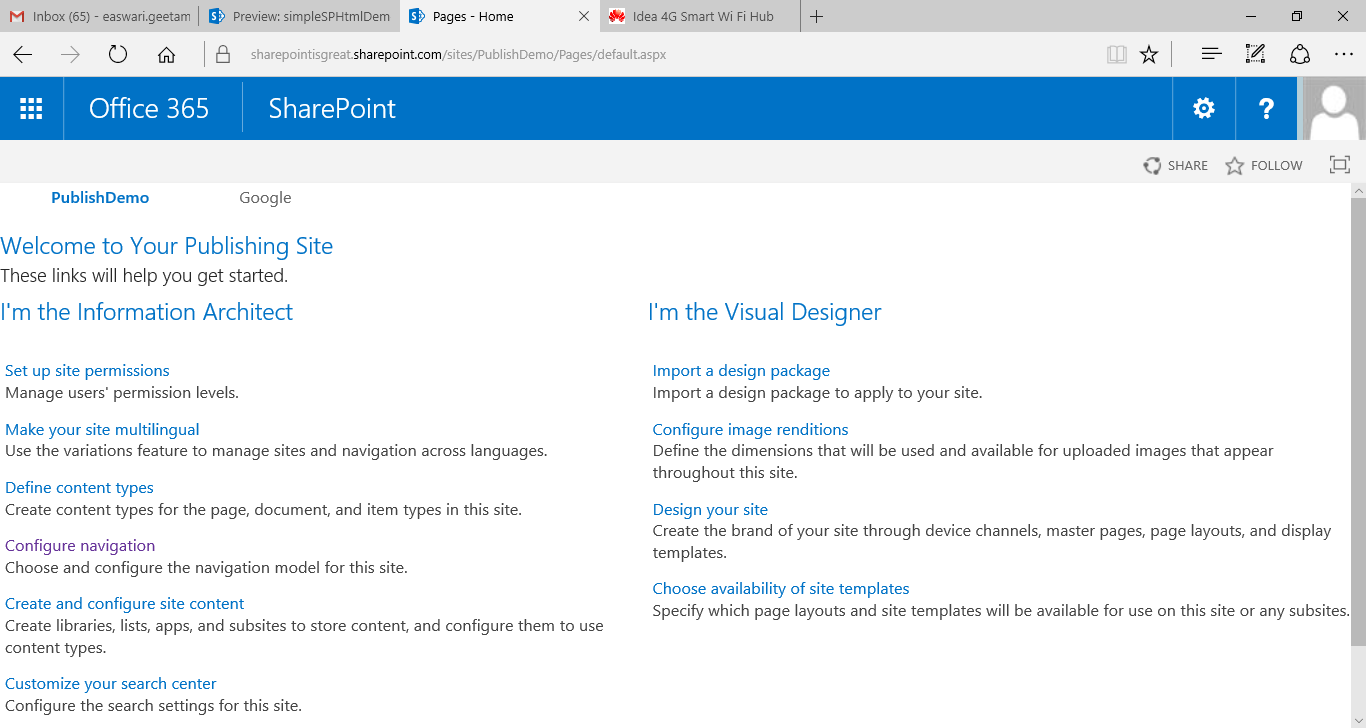
Add the links and choose the users for the Audience label



Below is the screenshot of a page with Administrator.



Below is the screenshot of a link where another user has logged in and cannot see the “MSDN” link



# References

Contoso Hands On