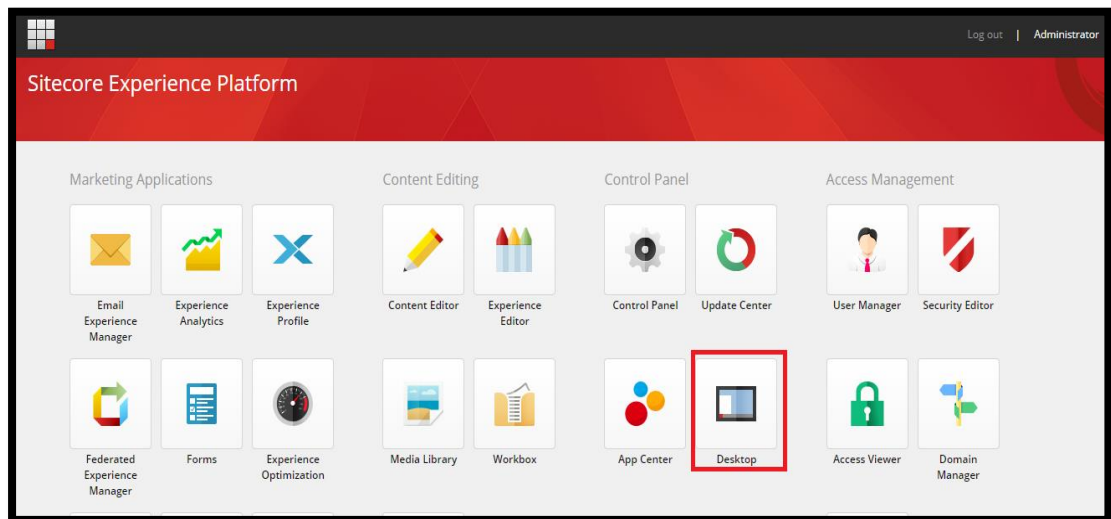**Module Sitecore Hackathon Category:** Best enhancement to the Sitecore Admin (XP) UI for Content Editors & Marketers
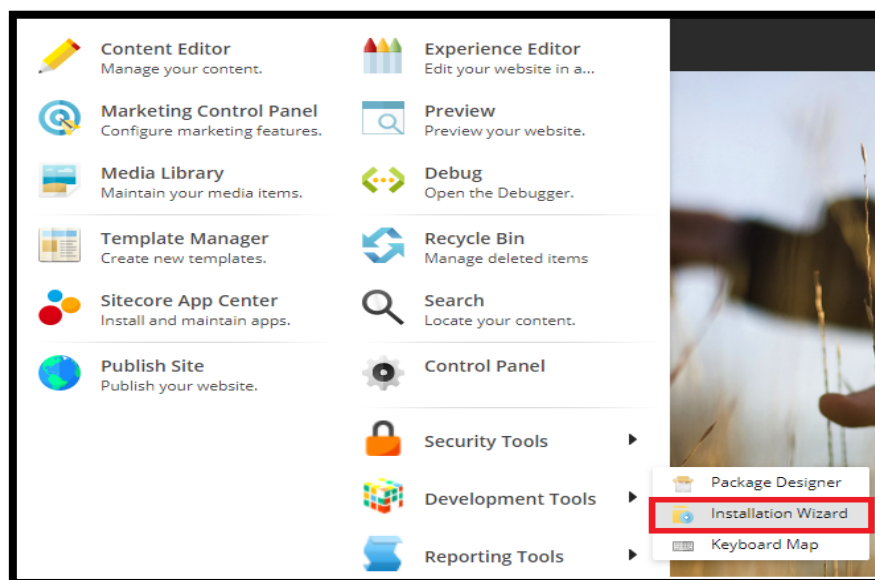
Module Purpose: Bring capabilities to take screen shot of Sitecore content editor environment.
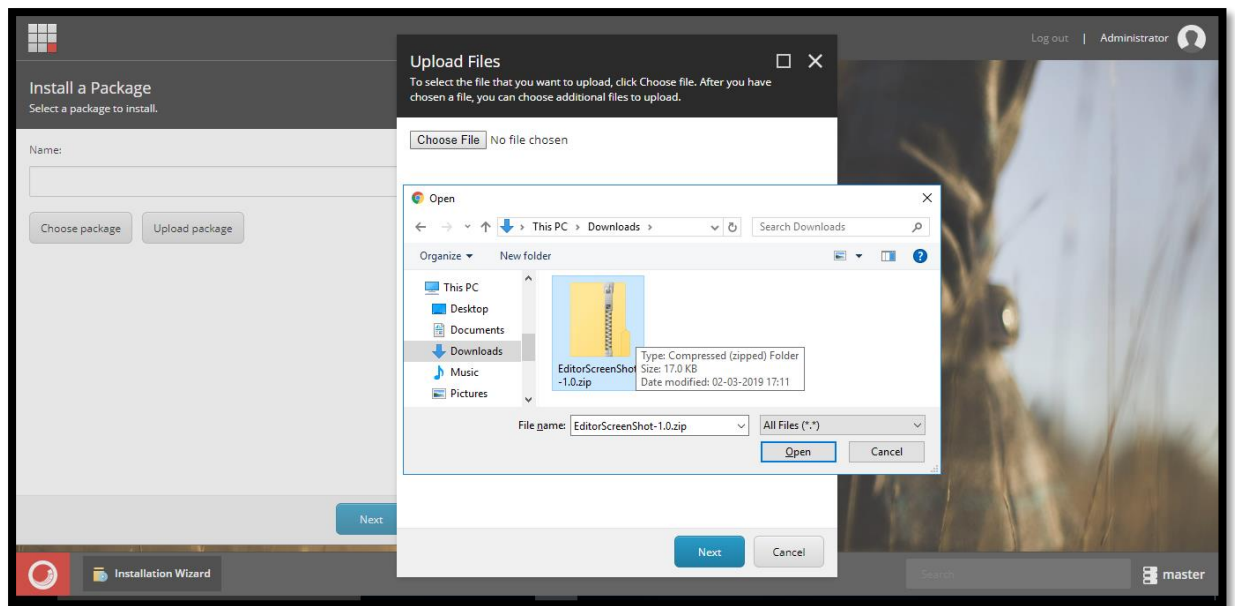
Installation Instructions:

1. Login to Sitecore portal
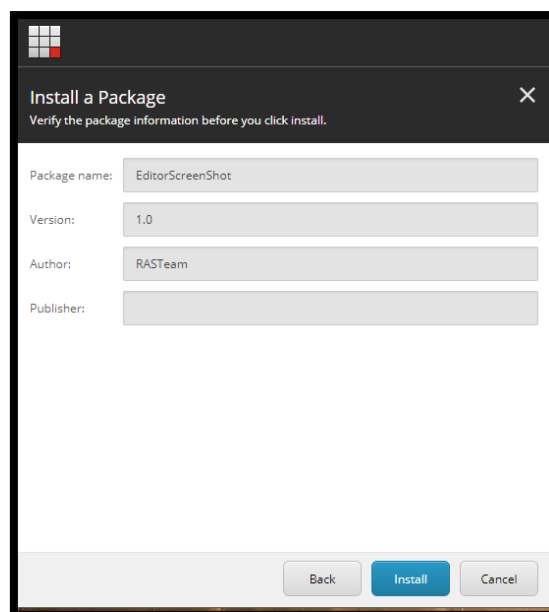2. Go to "Sitecore Experience Platform" and click on *Desktop* icon.

3. Click on Start -> Development Tools -> Installation Wizard.

4. After clicking on installation wizard, install a package window will open. In that window click on upload package and choose Sitecore package file "EditorScreenShot-1.0.zip" and click next button.
5. After selecting next button, next screen will appear with upload button.
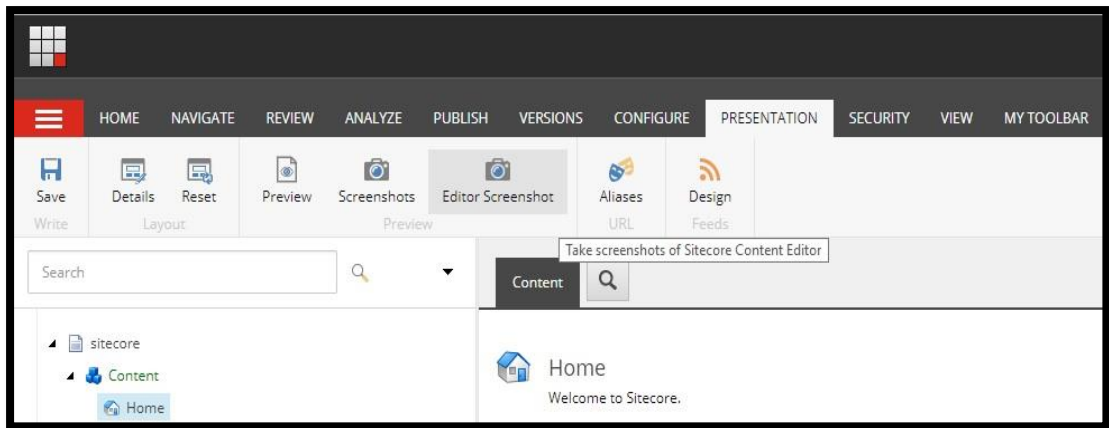6. Click on upload button and complete the upload package process.

7. After uploading package, click on next button in "install a package" window.

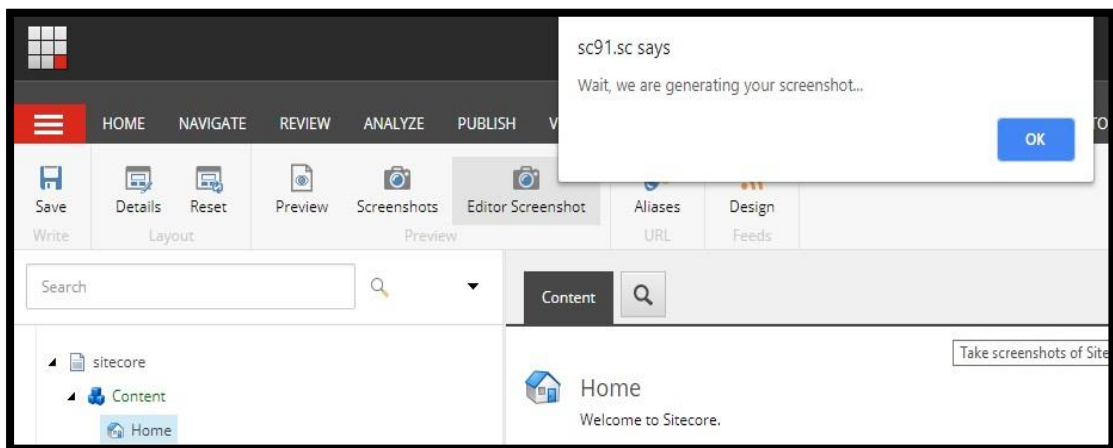8. In next screen click on "install" button and Complete the installation process.

How does the end user use the Module?

1. User need to go to *Presentation* tab in Sitecore ribbon.
2. There will be one button "*Editor Screenshot*" in preview section.

3. When user clicks on **Editor Screenshot** button, a popup will come with message "*Wait, we are generating your screenshot...*".

4. After click on "ok" button, screenshot image will download.

Approach:

1. We have added one **chunk** in **core** database ("*/Sitecore/content/Applications/Content Editor/Ribbons/Chunks/Preview/Editor Screenshot*") to show "**Editor Screenshot**" button in **Presentation** tab.
2. We are calling jQuery function "**generate**" onclick of "**Editor Screenshot**" button.
3. In generate function, we used html2canvas approach and passing **Body** HTML tag to take screenshot.
4. The **toBlob()** method creates a Blob object representing the image contained in the canvas. The created image is in a resolution of 96dpi.

jQuery plugin used:

We have used below jQuery plugins

https://cdnjs.cloudflare.com/ajax/libs/FileSaver.js/1.3.3/FileSaver.min.js
https://cdnjs.cloudflare.com/ajax/libs/html2canvas/0.4.1/html2canvas.min.js

jQuery Code:

We have developed below jQuery method to take screenshot and convert into "**png**" image format.

```javascript
(function (exports) {
    function pageScreenshot() {
        var htmltag = document.getElementsByTagName('body');
        html2canvas(htmltag, {
            onrendered: function (canvas) {
                //converting Blob object to image
                canvas.toBlob(function (blob) {
                    saveAs(blob, 'SitecorePreviewScreenshot.png');
                });
            }
        });
    }
    function generateScreenshot() {
        pageScreenshot();
    }
    exports.screenshotPage = pageScreenshot;
    exports.generate = generateScreenshot;
})(window);
```