**Inject JavaScript and CSS using extension**

Java script and CSS is injected from extension. An application customizer is developed and below code snippet is put in the extension.

|  |
| --- |
| public onInit(): Promise<void> {  let webUrl = this.context.pageContext.web.absoluteUrl;  const cssUrl: string = webUrl + "/SiteAssets/Styles/CustomFont.css";  let jsLink = webUrl + "/SiteAssets/Scripts/hideElements.js";  let hideElementScriptTag: HTMLScriptElement =  document.createElement("script");  hideElementScriptTag.src = jsLink;  hideElementScriptTag.type = "text/javascript";  document.body.appendChild(hideElementScriptTag);  if (cssUrl) {  // inject the style sheet  const head: any =  document.getElementsByTagName("head")[0] || document.documentElement;  let customStyle: HTMLLinkElement = document.createElement("link");  customStyle.href = cssUrl + "?r=" + Math.random();  customStyle.rel = "stylesheet";  customStyle.type = "text/css";  head.insertAdjacentElement("beforeEnd", customStyle);  }  return Promise.resolve();  } |

VS code screenshot as below,

Text

Description automatically generated

CSS file and JavaScript file are put into the site assets folder. The extension is developed as SPFX solution, and it is deployed into the app catalogue.

Screenshot for CSS file and JS file is as below,

<SS>

Once the HidePageElements app is added in the site collection, the CSS and JS file are injected into the DOM. The DOM screenshot is as below,

<JS Injected DOM SS>

<CSS Injected DOM SS>

Bold font is implemented from the CSS file, and you can see the site changed to GalanoBold.

Screenshot for the site is as below,

<Site Collection SS>