CP 1291 Course Project 2022  
JQuery Plugin (20% final mark)  
Part 1: Learning about JQuery Plugins and Planning your plugin (5% of final mark)(Due March 29th)

(4 marks) Design a simple JQuery plugin (Note: you are not creating it at this time, just planning)  
Include the following in your design:  
Detailed description of the plugin. Include how it works, what would be needed to install it. List all of the assets (script files, images, .css files) that you would create for the plugin.  
I am looking for between a half page and a full page description of the plugin.

Dark Mode jQuery Plugin

By implementing this plugin on your website, it will gain the ability to enable/disable dark/light mode with a brightness control feature and a smooth color transition effect. This plugin uses jQuery to toggle between CSS classes and utilizes local storage API to persist the dark mode across web pages and refreshes. Users can feel uncomfortable while reading or browsing content at night due to light/bright UI designs and colorful interfaces. This plugin will help the user experience with the dark mode toggle feature and brightness control. Chrome, Safari, Firefox, Opera, IE7+, IOS, Android and windows phone are supported. Fully customizable with CSS. Can apply dark mode to specific selected items. Built-in brightness controller. Automatically enable at 8:00 PM and disable at 4:00 AM. It will convert existing CSS into night mode. It will create all necessary elements. Demo the plugin using the index.html file included in the download. This demo will also include the use of the style.css file. Download the jquery.night-mode.js file and add it to your existing website. Inside of your JavaScript file add nightMode() with “body” in the DOM ready function to implement. If you use the included app.js file, the previous step will not be necessary. You can customize the plugin by adding code to the nightMode() function. To use the plugin, use the mouse to click on the night mode button to toggle on/off. Use the slider to adjust the brightness.