M.S.Bit task:

This task is for testing your ability to create a single html page using Css, Javascript.

General details:

* Build Html template using the provided PSD resource.
* The template need to be with as much as details and accurate as possible.
* See attached Template\_PSD.JPG file for detailed information.
* The code need to be coherent with meaningful class name, reusable styles, short code, ect…
* The page will have a responsive design need to support width of 800px to 1920px;
* Cut text in smaller sizes will be truncated.
* The page content should be centered in the browser.
* Sections with red “X” are not mandatory
* Special sections with reference to Template\_PSD.JPG will be marked in yellow. Example: main content display is section [3] in Template\_PSD.JPG.
* **do not use jquery, Bootstrap**

Angular

1. Create angular app

\* Preferable in angular 2 but angular 1 is also acceptable

 2. Upon click on Banner image / and on page load invoke the “getAll” Http call to get all of the data-set.  
 The data-set will be presented in the section [3] (only the first 20 should be rendered to the screen)

 3. Upon click (on [1]) open a pop-up with following input fields:

- CheckBox options (By album number [default] / By album Id)

- Album Number (Drop down, with option 1 to 100)

- Photo Id (Input type number)

- submit button

Popup behavior:  
- Default selected Checkbox is ”by album number”

- When Checkbox ”By album number” is selected , the Drop-Down is visible

- When Checkbox ”By photo Id” is selected , the Input is visible

- Clicking on submit will invoke the appropriate api call  
  
\*\* Please refer to the popups layout in “./popup-layouts/ \*.jpg” images.

4.  **simulate http  async request using what angular has to offer**

\* An implicit ajax call is not acceptable

**When Submitting an “getAll” api call:**

Example to successful call:

**Request URL:** https://jsonplaceholder.typicode.com/photos

**Request Method:** GET

**Request Header:** **accept:** application/json; charset=UTF-8

**When Submitting an “Album number” api call:**

Example to successful call:

**Request URL:** https://jsonplaceholder.typicode.com/photos?albumId={albumNumber}

**Request Method:** GET

**Request Header:** **accept:** application/json; charset=UTF-8

**When Submitting an “Photo Id” api call:**

Example to successful call:

**Request URL:** https://jsonplaceholder.typicode.com/photos/{photoId}

**Request Method:** GET

**Request Header:** **accept:** application/json; charset=UTF-8

5.  Simulate success/error:

- upon success close popup and display the result in section [3]

- upon Error/No results display the message “No data to display” in the result sections [3]

I would like to see a use of:

-  angular controllers / components(angular2)

- at least one angular service

- js individual files according to single-responsibility principal

6. Bonus:  
 in section [4] there will a button, visible on top of the display section[3] , and when clicking on it, it will render the next 20 results from the initial (getAll api call) data-set. Example:

\* Initial load will render results 1-20

\* First Bonus button click will render results 21-40

\* Second Bonus button click will render results 41-60

\* Etc….

Additional Styling functionality:

* Banner image:
* Should spread to the entire page width while maintains image ratio (image should not get squished)
* The colored circles ( [1] in the JPG file):
* You don't need to implement the text in the red circle
* When hovering over any circle, the circle will be partially transparent. This should not be an immediate effect, it should be with a nice slow effect (0.5s).
* In smaller width (less then 1200) the circles will **be smaller and without text**.
* The main content area (section [3] in the JPG file):
* This area will be with a with a scroll when needed.
* When mouse over the row, the background color will change to gray with gradient
* Need to display an Image {@thumbnailUrl} , title{@title} and a link to the large-Image {@url}