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Master of Computer Science

LAST JOB

IT Chief

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SKILL

Code Igniter
HTML
PHP
MySQL
jQuery
JavaScript

HARAJ CHALLENGE

MISSION

Enhanced a simple web application for a fictional startup called **KraickList**. Thinking of the problem from the user's perspective and prioritizing the most useful changes.

SOURCE OF CHALLENGE

"**Haraj Challenge**" is published at https://github.com/riandyrn/kraicklist

WHAT HAS CHANGED?

A. FOLDER AND FILE STRUCTURE

css folder: The CSS folder contains css files (mycss.css), to set the appearance of the interface page.

data folder: There were 2 changes that I made, (1) Renaming the data.txt file to data.json. (2) Make the contents of the file into an array data arrangement by adding a symbol '[' at the beginning and ']' at the end. And separate each data with a comma ','.

Icon folder: The folder icon contains the favicon image.

index.html : index.html was previously in the "static" folder, moved to the main folder.

B. INDEX FILE

1. Header
   Add favicon and css url.

   ```
   <link rel="shortcut icon" href="icon/k.ico">
   <link rel="stylesheet"
   href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
   <link rel="stylesheet"
   href="http://netdna.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">
   <link href="css/mycss.css" rel="stylesheet">
   <link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css" rel="stylesheet"/>
   ```

2. Event Listener Function getKeyWrd()
   2.1 Get the keywords and make them lowercase.
   ```
   var kword      = document.getElementById('keyword').value;
   var tkw        = kword.toLowerCase();
   ```

   2.2 Fetch File is used to call the data in the data.json file
   ```
   fetch('data/data.json')
   ```

   2.3 Combine the title with the ad content and change it to lowercase. So that the entered keywords have the same font as the search object.
   ```
   var cSrch      = result.title + result.content;
   var cSrch_     = cSrch.toLowerCase();
   ```

   2.4 Comparing the keywords with search objects. If there is an equal part between the content and the keyword, it will return an array value.
   ```
   var res        = cSrch_.match(tkw);
   ```

   2.5 Display search results
   ```
   if(res != null)
   {
       idx = idx + 1;
       output += `
           <li class="row clearfix">
               <div class="icon-box col-md-2 col-2">
                   <img class="img-fluid img-thumbnail"
                   src="${result.thumb_url}" alt="Awesome
                   Image">
               </div>
               <div class="text-box col-md-10 col-8 p-l-0 p-r0">
                   <h5 class="m-b-0"> ${result.title.substr(0,50)}
                   </h5>
                   <p>${result.content.substr(0,200)} ...</p>
                   <p>${result.tags} :
                           <a href="javascript:void(0);">${tDtv}
                           </a>
                   </p>
               </div>
           </li>`;
   }
   ```
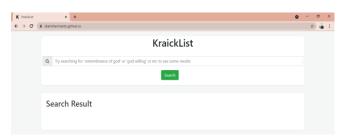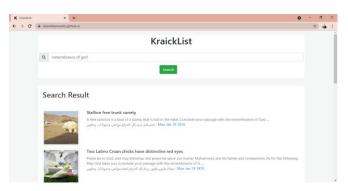
2.6 Output
a. Search Box
To Show the main page, please enter the url
https://diannhermanto.github.io/

b. Search Result
Try searching for '**remembrance of god**' or '**god willing**' or etc to see some results.

C. SOURCE FILE

1. Source Code
https://github.com/diannhermanto/diannhermanto.github.io

2. Live Demo
https://diannhermanto.github.io/

3. Other Work
https://ksinergi.com/