SEO TEP

SDEV Final Project – Group 5

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**INTRODUCTION**

Welcome to the SEO Tag Extractor Prototype! The SEO TEP allows you to convert & Extract Tags from any HTML document.  You can use the SEO TEP tags extractor to find meta tags and improve your own website tags with keywords. The main **purpose** of **SEO** is to ensure that a website is accessible to a search engine and improve the chances that the site will be found by search engine users. **SEO** is also used to target specific keywords so that they can be found more easily by internet users.

**Using the SEO TEP**

Step 1: Run Main.py

Graphical user interface, table

Description automatically generated

Graphical user interface

Description automatically generated with medium confidence

This will open the SEO TEP that will extract tags.

Step 2: Insert HTML

Graphical user interface, text, application

Description automatically generated

Inserting the HTML file into the program will allow it to analyze the HTML to extract tags.

Step 3: Click “Extract Tags”

Graphical user interface, application

Description automatically generated

Extracting the tags will have the program analyze the HTML files.

Step 4: Click “Read Tags”Graphical user interface, text, application, email

Description automatically generated

This will extract the tags and place them into the “YourKeywords.txt” file.

Step 5: Open “YourKeywords.txt”

Graphical user interface, application

Description automatically generated

Opening this file will allow you to view the extracted tags.

Step 6: Save “YourKeywords.txt”

Graphical user interface, text, application

Description automatically generated

You can now save “YourKeywords.txt” file so you can access them for future use.

Step 7: Quit or insert new HTMLGraphical user interface, text, application, email

Description automatically generated

With your HTML tags saved, you may insert a new HTML to start over, or you may click the “Quit” button to exit the program.

Group 5 Responsibilities

Caleb Rivich – Group Leader – Organize program – Assign Responsibilities – Set Group Meetings – Video Demonstration – Input GUI

Zander Cross – Analyze Backend – Create UML Class Diagram

John Wolfe – List and Output – Combining Program Codes

Kacie Jordan – Users Guide – Use Case

Use Case

Name: SEO TEP Use Case

Brief description: The SEO TEP analyzes HTML files and extracts meta tags that can be used to improve SEO with keywords.

Users: Anyone looking to improve the SEO of their website.

Preconditions: HTML file that has tags but are hard to find and need to be put into a list to be organized.

Postconditions: The tags from the HTML are inserted into a list in a text file.

Main Success Scenario: Tags from HTML are successfully extracted and input into a text file that user can utilize to help the SEO of their own website.

Extensions: SEO TEP is unable to read every HTML file and will throw error. This error does not affect the function of the program, as it is still able to extract the tags.