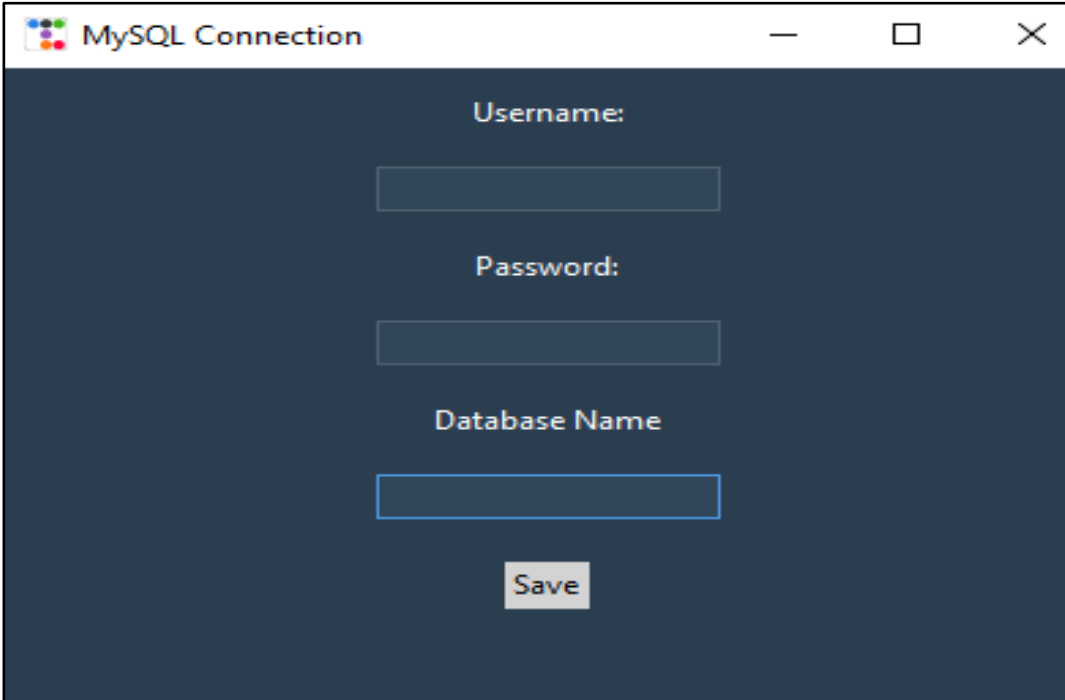


# Instruction Manual

The step-by-step guide to give a quick walkthrough of the application.

Set-up a Database :-

A screenshot of a window titled "MySQL Connection". The window has a dark blue background and contains three text input fields. The first field is labeled "Username:", the second is labeled "Password:", and the third is labeled "Database Name". Below these fields is a "Save" button. The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

MySQL Connection

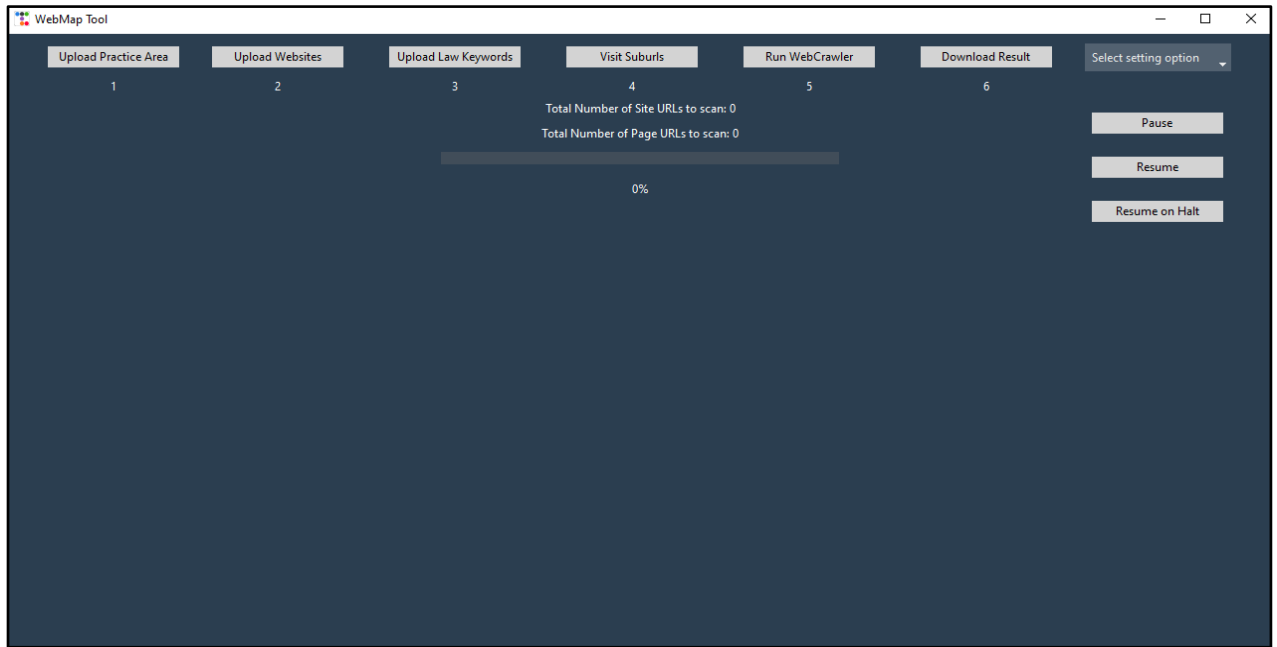
Username:

Password:

Database Name

Save

After clicking on the executable file a database connection window will open. In this window, you have to insert your MySQL username, password, and database name where all your tables will be automatically created. After inserting all three fields such as username, password, and database name, all your details will be saved. Setting up a database is a one-time process.

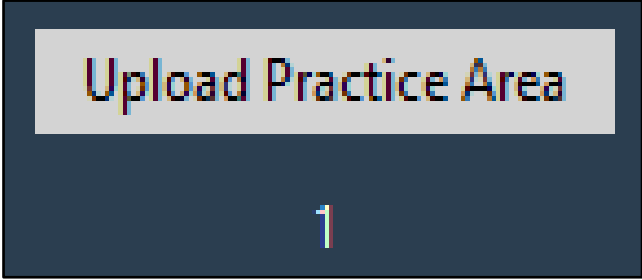


- Upload Practice Area :

Click on the upload keyword csv button and upload the keyword csv file which contains the keywords to be searched on the page and site URLs.

Note:-

- 1) Under the same practice area if you have two or more keywords in the keyword column then you can separate the keywords by using the semicolon or comma.
- 2) Before uploading the keyword CSV file ensure that you have added weightage for each keyword in the weightage column.
- 3) If you have two or more keywords for the same practice area, then in the weightage column give the unique weightage number and you can separate it by using a semicolon. (ex : keywords:- trust; competition ,weightage :- 2;3)

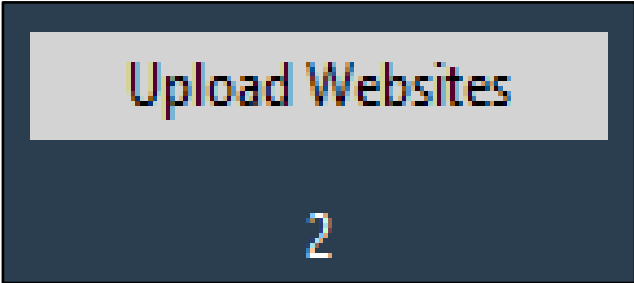
A dark blue rectangular button with a light gray horizontal bar at the top. The text "Upload Practice Area" is centered in the gray bar, and the number "1" is centered in the dark blue area below it.

Upload Practice Area

1

- Upload Websites :

Click on the upload site csv button and upload the site csv file which contains all the urls.

A dark blue rectangular button with a light gray horizontal bar at the top. The text "Upload Websites" is centered in the gray bar, and the number "2" is centered in the dark blue area below it.

Upload Websites

2

- Upload Law Keywords :

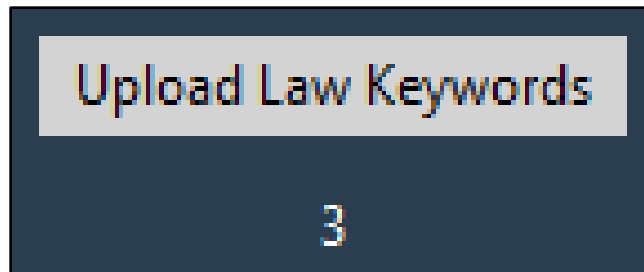
Click on Upload Law Keywords to upload the law keywords, along with their threshold and priority values. If any of the uploaded keywords are found on a site URL, the URL is evaluated based on the threshold and priority to determine if it is a law firm website or a non-law firm website.

Suppose the uploaded keywords are:

Keywords	Threshold	Priority
attorney	4	1
law	20	2

Case i) If the keyword "attorney" (which has a priority of 1) is found on the URL, the threshold is checked. If the occurrence of the keyword "attorney" is greater than 4, the URL is considered a law firm website otherwise non-law firm.

Case ii) If the keyword "attorney" is not found on the URL or its occurrence is below the threshold value, the next keyword, "law", is checked. If the keyword "law" is found with a threshold of 10, the URL is considered a non-law firm website since the threshold of 20 for "law" is not met.

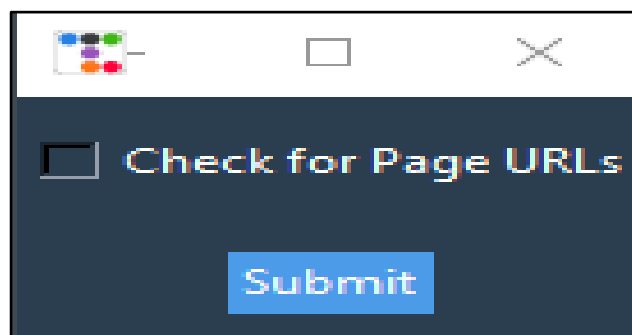
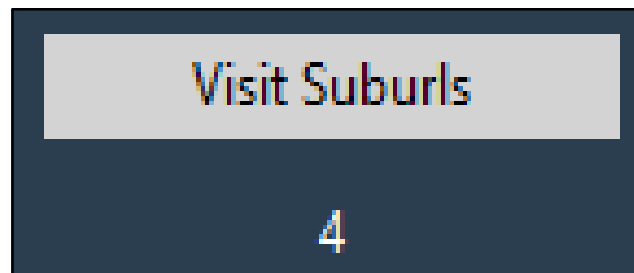


- Visit Suburls :

There are 2 cases for the check button.

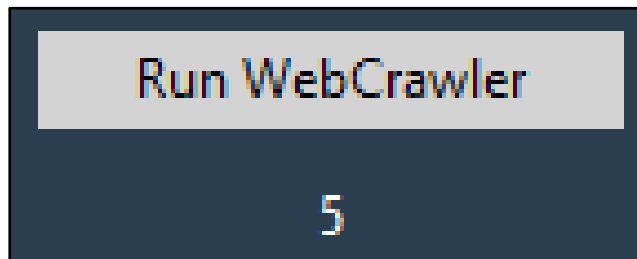
Case 1) If you want to find keywords on all page\_urls then click on the check button. After that one pop-up window will open and if you check the checkbox and click on the submit button then go to the next step and click on the run web map button.

Case 2) If you want to find keywords only on site\_urls then you don't have to click on the check button, directly click on the run web map button.



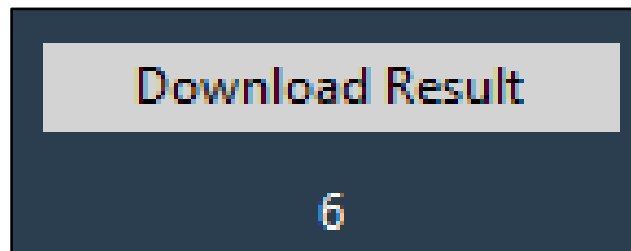
- Run WebCrawler :

If you have checked the check for page\_url checkbox and clicked run web map then it will search for keywords on all page\_urls and if you click on the run webCrawler button without checking the checkbox then it will find keywords only on site\_urls.

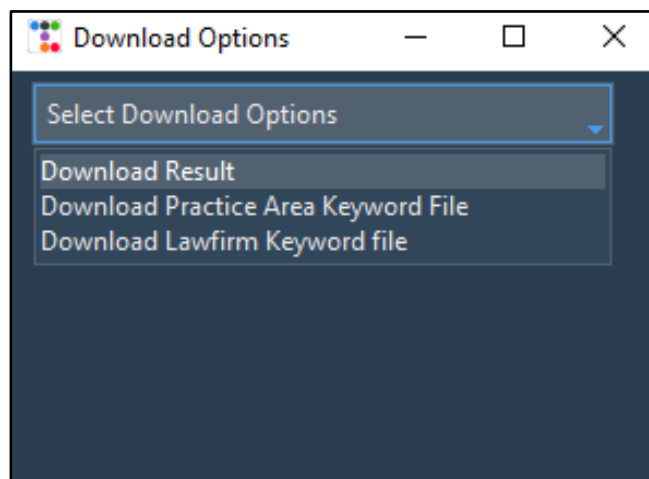
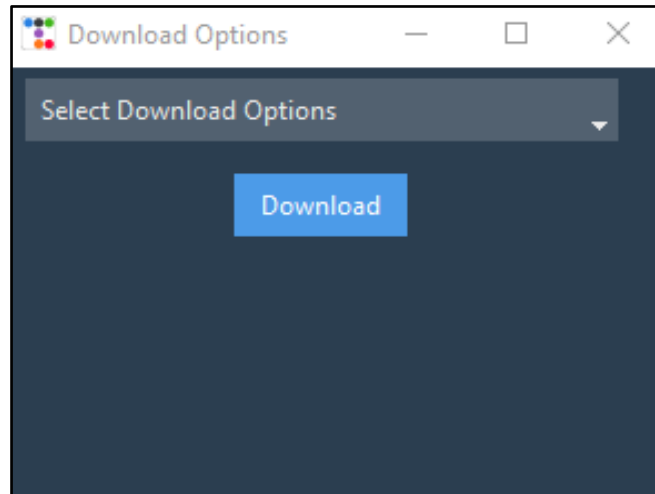


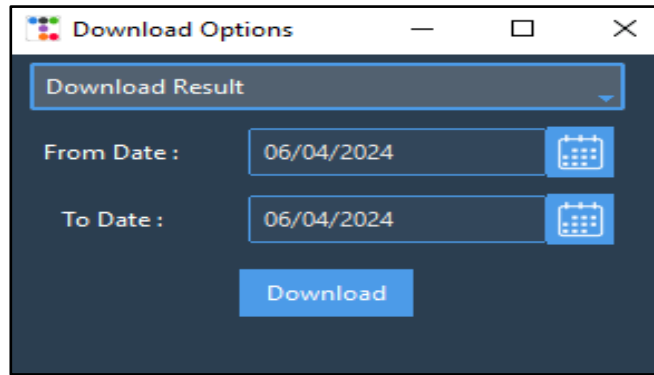
- Download Result:

After completing the process of finding keywords on at least one url you can download the result. To download the result ,first you have to pause the current execution using the pause button and then you can download by clicking on download button.After click on download button one pop\_up window will open and you can choose the options such as download result with selected date range,download practice\_area keyword file and download law\_firm keywords.



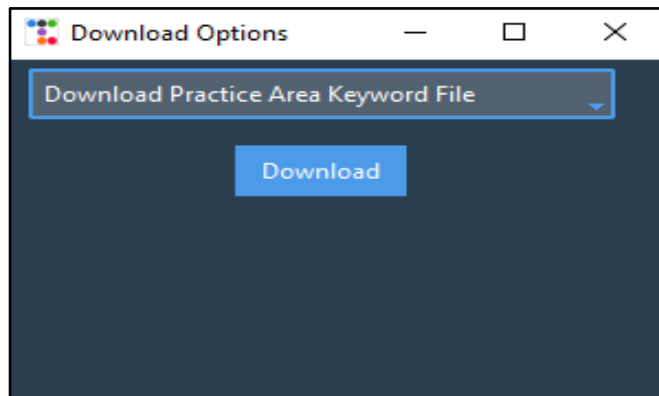
- Select Download Options :





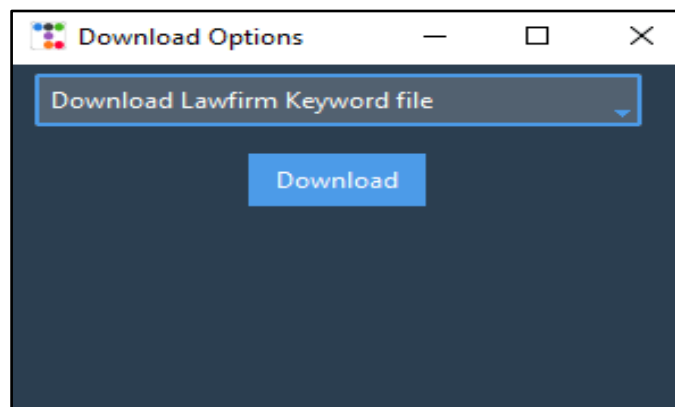
The screenshot shows a window titled "Download Options" with a dark blue background. At the top is a dropdown menu labeled "Download Result". Below it are two date selection fields: "From Date :" and "To Date :", both containing the date "06/04/2024" and accompanied by a calendar icon. At the bottom is a blue button labeled "Download".

6.1



The screenshot shows the same "Download Options" window. The dropdown menu now displays "Download Practice Area Keyword File". The "Download" button remains at the bottom.

6.2



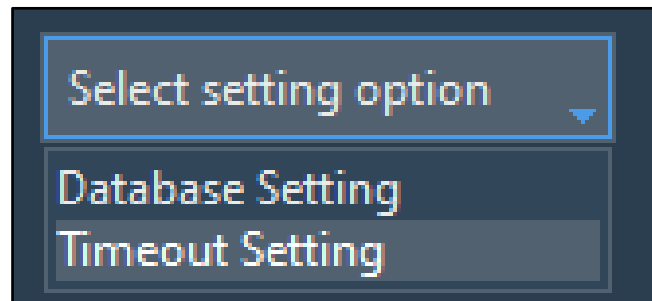
The screenshot shows the "Download Options" window with the dropdown menu set to "Download Lawfirm Keyword file". The "Download" button is still present at the bottom.

6.3

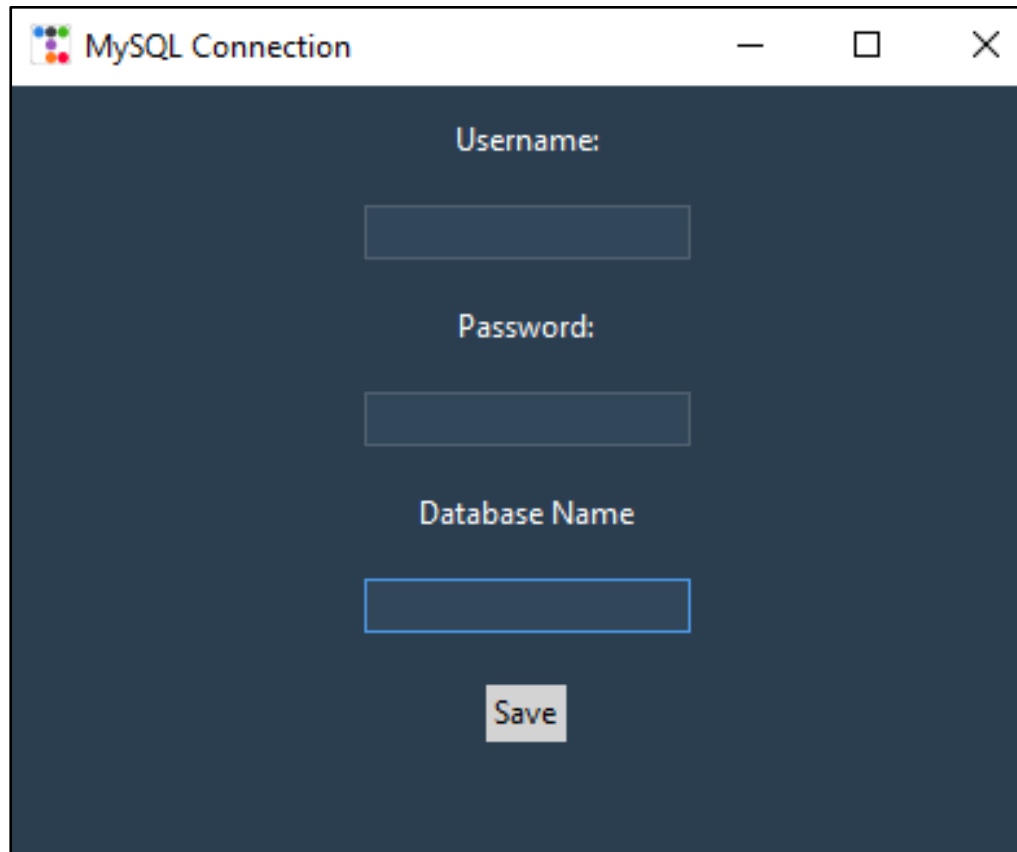


- Select Setting Options :

Select Setting Option has multiple settings options like Database Setting, Timeout Setting etc.



➤ Database Setting

A screenshot of a window titled "MySQL Connection". The window has a dark blue background and a white title bar with standard Windows window controls (minimize, maximize, close). Inside the window, there are three text input fields and a "Save" button. The first field is labeled "Username:", the second is labeled "Password:", and the third is labeled "Database Name". The "Save" button is located below the third field.

MySQL Connection

Username:

Password:

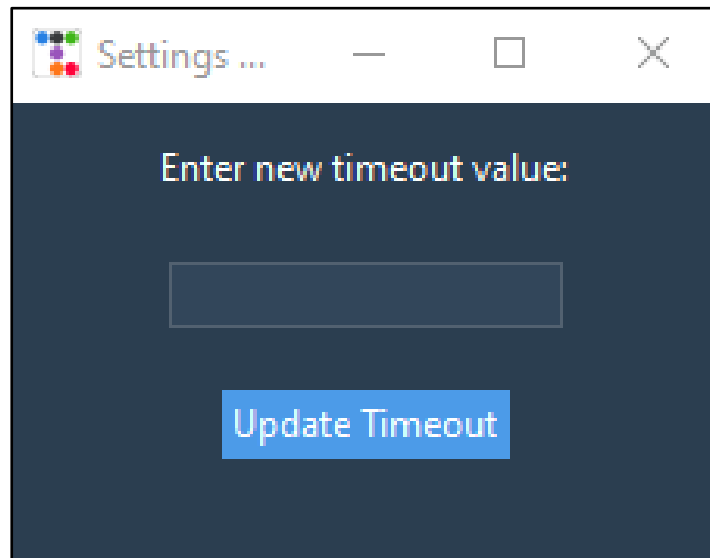
Database Name

Save

In the database setting, you can change your MySQL username, password and database name.

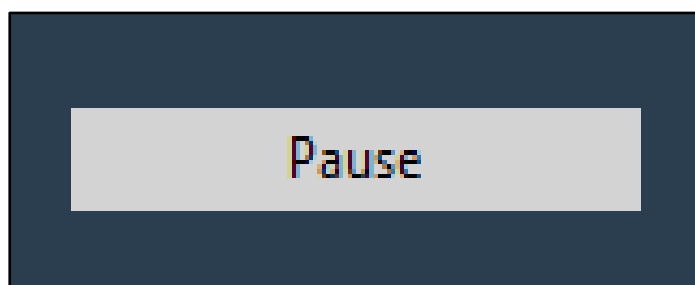
1. In Select Setting Option click Database setting. After clicking on Database settings enter the new database name and click on save.
2. Then close the Window and again run the Executable file.
3. You have successfully set up the new database.

➤ Timeout Setting



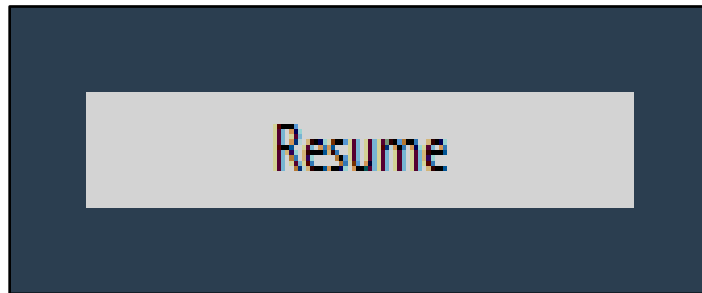
In the timeout setting, you can update your timeout value.

- Pause Button



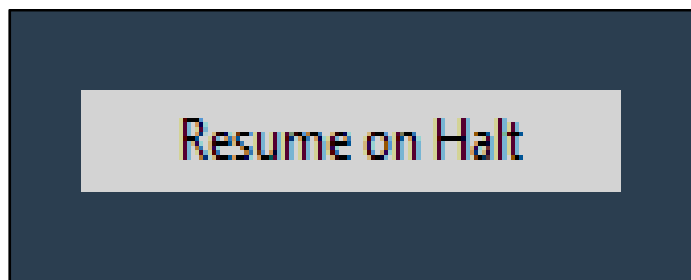
If you want to pause the process of finding keywords on the specific page or site urls then you can pause it using the pause button option.

- Resume Button



If you want to resume the process of finding keywords from the paused page or site urls then you can resume it using the resume button option.

- Resume on Halt



If the application got interrupted by unexpected reasons then you can resume the process of finding keywords on the page or site URLs file by using the resume on halt button without uploading the keyword and site CSV.