Setup guide for WikiFinder

Step 1: Extract the package **WikiFinder** to the following directory (default XAMPP directory):

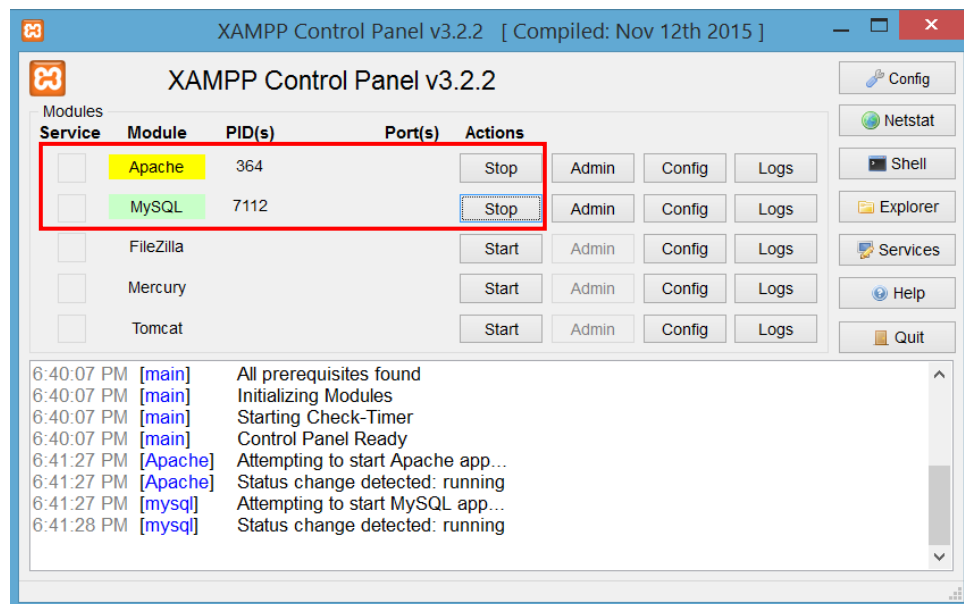`C:\xampp\htdocs`

The contents of the directory should be as shown below.

dashboard	12/1/2018 7:04 PM	File folder	
img	12/1/2018 7:04 PM	File folder	
webalizer	12/1/2018 7:04 PM	File folder	
xampp	12/1/2018 7:04 PM	File folder	
applications.html	19/12/2017 9:02 PM	Chrome HTML Do…	4 KB
bitnami.css	27/2/2017 3:06 PM	Cascading Style Sh…	1 KB
favicon.ico	16/7/2015 9:02 PM	Icon	31 KB
index.php	16/7/2015 9:02 PM	PHP File	1 KB

After extraction into the **XAMPP** directory, the final result should be as shown below.

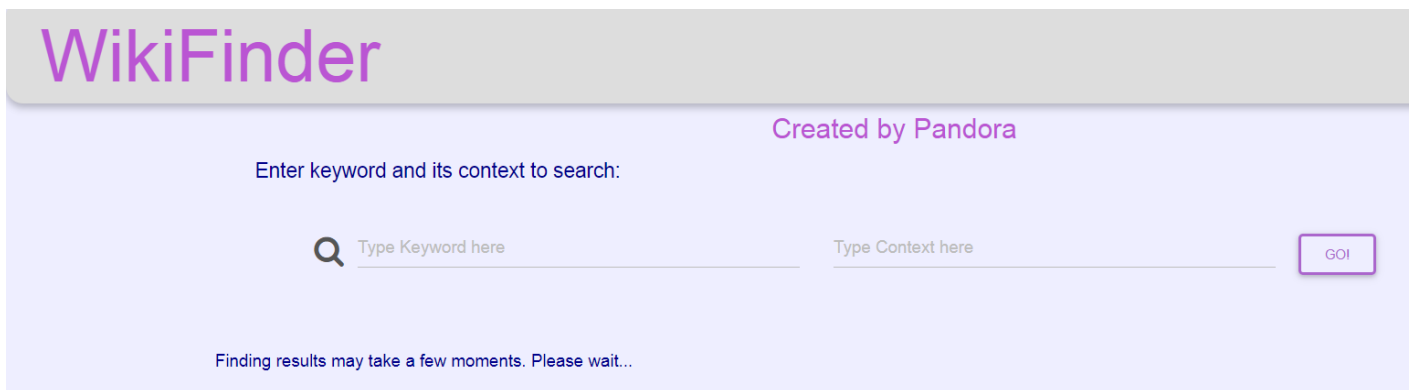|			
css	28/1/2018 6:27 PM	File folder	
dashboard	12/1/2018 7:04 PM	File folder	
fonts	28/1/2018 6:27 PM	File folder	
img	12/1/2018 7:04 PM	File folder	
js	28/1/2018 6:27 PM	File folder	
webalizer	12/1/2018 7:04 PM	File folder	
xampp	12/1/2018 7:04 PM	File folder	
applications.html	19/12/2017 9:02 PM	Chrome HTML Do…	4 KB
bitnami.css	27/2/2017 3:06 PM	Cascading Style Sh…	1 KB
connect.php	20/1/2018 2:42 AM	PHP File	3 KB
favicon.ico	16/7/2015 9:02 PM	Icon	31 KB
index.php	16/7/2015 9:02 PM	PHP File	1 KB
myapi.py	28/1/2018 1:51 PM	Python File	4 KB
WikiFinder.html	20/1/2018 11:20 PM	Chrome HTML Do…	3 KB

Step 2: Run the **XAMPP** application (XAMPP control panel) and "start" the Apache and MySQL services.

Step 3: Go back to the directory where **WikiFinder** was extracted and run the **myapi** program to ready the API.

Step 4: Open the **WikiFinder** html script. You should see a webpage as shown below.

Step 5: Enter appropriate entries into **Keyword** and **Context** slots and press **GO!**.

Step 6: Select an immediate parent out the generated choices. To enter the set the set of the three entries (of keyword, its parent and root), click on **SUBMIT**. *This is done with the assumption that there is already a local database created within **XAMPP** server.*

Prerequisite software: Following software should be installed before proceeding further into the setup.

- Python v2.7 runtime libraries
  https://www.python.org/ftp/python/2.7/python-2.7.amd64.msi
- XAMPP environment
  https://www.apachefriends.org/xampp-files/7.2.1/xampp-win32-7.2.1-0-VC15-installer.exe

Prerequisite Python libraries: Following libraries need to be manually installed online via command prompt.

- Requests
  ```
  pip install requests
  ```
- URL
  ```
  pip install urllib
  ```
- Flask
  ```
  pip install flask
  ```
- Flask Cors
  ```
  pip install flask-cors
  ```
- Google
  ```
  pip install --upgrade google-api-python-client
  ```