Price Scrape Quick User Guide

Bought to you by:

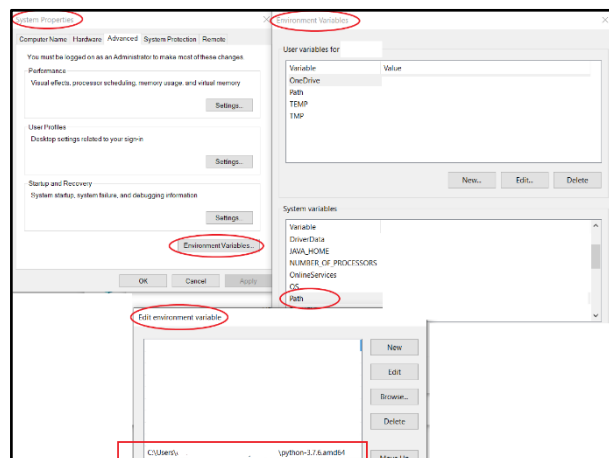**Chng Yan Hao**

Lim Kah Ghi

Contents

1) System Requirements & Built

i.   Application is built under Windows 10 Pro OS

ii.   Internet connection required

iii.   Google Chrome Browser installed (recommended)
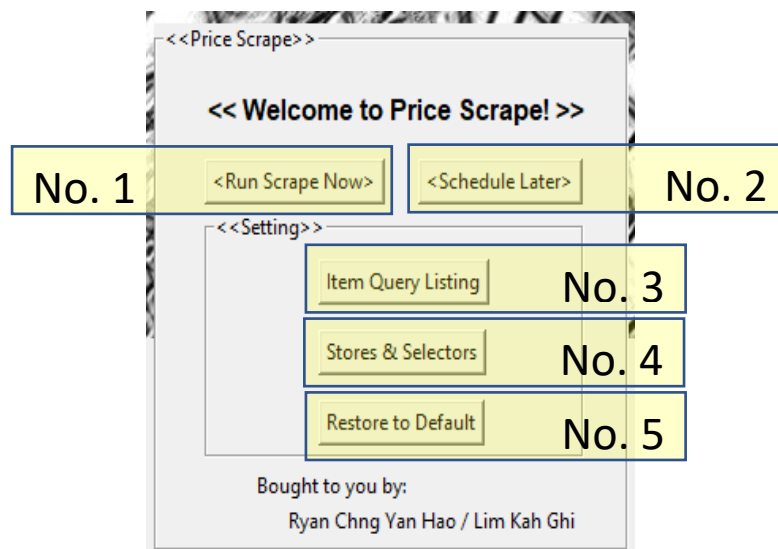
iv.   Python 3.7.6

v.   Packages

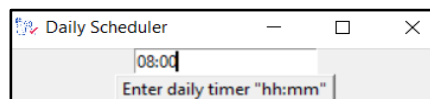|		
1) -	Web scraping	: tagui
2) -	GUI	: tkinter
3) -	Data and system related	: os, datetime, re, schedule, time
4) -	Numbers and text	: pandas, nltk
5) -	Images	: PIL

vi.   Download PriceScrape.zip

2) Deployment

i.   Allow python to run from CMD.
i.e. Windows OS: System properties
-> Environment Variables -> Path ->
Edit environment variable
(Python path required)

ii.   Unzip PriceScrape.zip to any
preferred location.

iii.   Click on PriceScrapeGUI.bat to
start.
(Windows OS)
>> python UserInterface.py
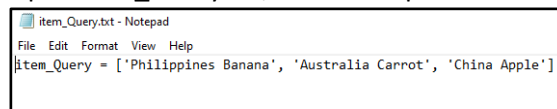(Mac OS)

3) Using Price Scrape – User Interface

- ➢ No. 1, **<Run Scrape Now>**:   Execute PriceScrape.py, main algorithm.
- ➢ No. 2, **<Schedule Later>**:   Trigger a popup, user can set "hh:mm", execute
  PriceScrape.py daily at "hh:mm"
  (24-hour format, invalid input will cause scheduler to fail).

- ➢ No. 3, **Item Query Listing**:   Open item_Query.txt, user can input their item list here.

  To add an item, replace last "]" with ", 'Your Item']"
  The list should look "['item1', 'item2', … , 'itemN']"
  Changing "item_Query = " will cause malfunction
- ➢ No. 4, **Stores & Selectors**:   Designed for **advanced users** to change scrape targets.
  Able to add more scraping objects too.
  timeOutThreshold: wait time before going to next step
  itemCountThreshold: max number of items user wish to
      scrape from first page

  Users with TagUI / selectors knowledge may wish to change
  other settings here to better suit their needs.
- ➢ No. 5, **Restore to Default**:   Trigger default item_Query.txt & adv_Setting.txt.
  Previous settings are stored into output folder.

  --- End of Guide ---