




Twitter Application Management

Twitter Apps

Create New App

 **MLB Playoffs**
MLB Playoffs

 **Diwali-DataCapture**
Diwali-DataCapture

 **SmartPotables**
SmartPortablesPriceMatch


Windows taskbar: Type here to search, Tweet, 9:43 PM 11/19/2017

SmartPotables | Twitter

SmartPotables

Test OAuth

Details Settings Keys and Access Tokens Permissions

 SmartPortablesPriceMatch
<https://apps.twitter.com/app>

Organization

Information about the organization or company associated with your application. This information is optional.

Organization	None
Organization website	None

Application Settings

Your application's Consumer Key and Secret are used to [authenticate](#) requests to the Twitter Platform.

Access level	Read and write (modify app permissions)
Consumer Key (API Key)	Gnm7rfMXfgDpmqdHLJwazZrXr (manage keys and access tokens)
Callback URL	None

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SmartPotables | Twitter x bestbuydeals x bestbuydeals-checkpoint x

localhost:8888/notebooks/apache-tomcat-7.0.34/webapps/csj/bestbuydeals.ipynb

jupyter bestbuydeals Last Checkpoint: Last Wednesday at 8:46 PM (autosaved) Logout

File Edit View Insert Cell Kernel Help Python 2

```
In [30]: import re
import pymysql

cnx = pymysql.connect(user='root', password='abhishek',
                      host='127.0.0.1',
                      database='smartportables')

cursor = cnx.cursor()

query = ("SELECT product_name FROM product1")
cursor.execute(query)

dealMatchGauranteed=[]
for product in cursor:
    for tweet in timeline:
        deal = (tweet['text']).encode('ascii','ignore')
        if (len(re.findall(r'\s'+product[0]+'s',deal)) >= 1):
            dealMatchGauranteed = dealMatchGauranteed + [deal]

In [31]: # Sanity Test that we got some deals
dealMatchGauranteed[:5]

Out[31]: ['Save 76% on the SanDisk Ultra Fit 128GB USB 3.0 Type A Flash Drive - Black/Silver #Deal https://t.co/EP1Jo1UiDY',
'Save $150 on the Apple MacBook Pro 15.4" Display Intel Core i7 16GB Memory 256GB Flash Storage - Silver #Deal https://t.co/EP1Jo2bTvW',
'Save $125 on the Apple MacBook Air 13.3" Display Intel Core i5 8GB Memory 128GB Flash Storage - Silver #Deal https://t.co/EP1Jo2bTvW',
'Save $150 on the Apple MacBook Pro15.4" Display Intel Core i7 16GB Memory 256GB Flash Storage - Silver #Deal https://t.co/EP1Jo2bTvW',
'Save $400 on select Apple MacBook Pro with Touch Bar. #Deal https://t.co/eeq8sHuJ53']
```

Create and write the deals into DealMatches.txt file that will be used by web-app of BestDeal to display two deal matches

Type here to search

9:45 PM 11/19/2017

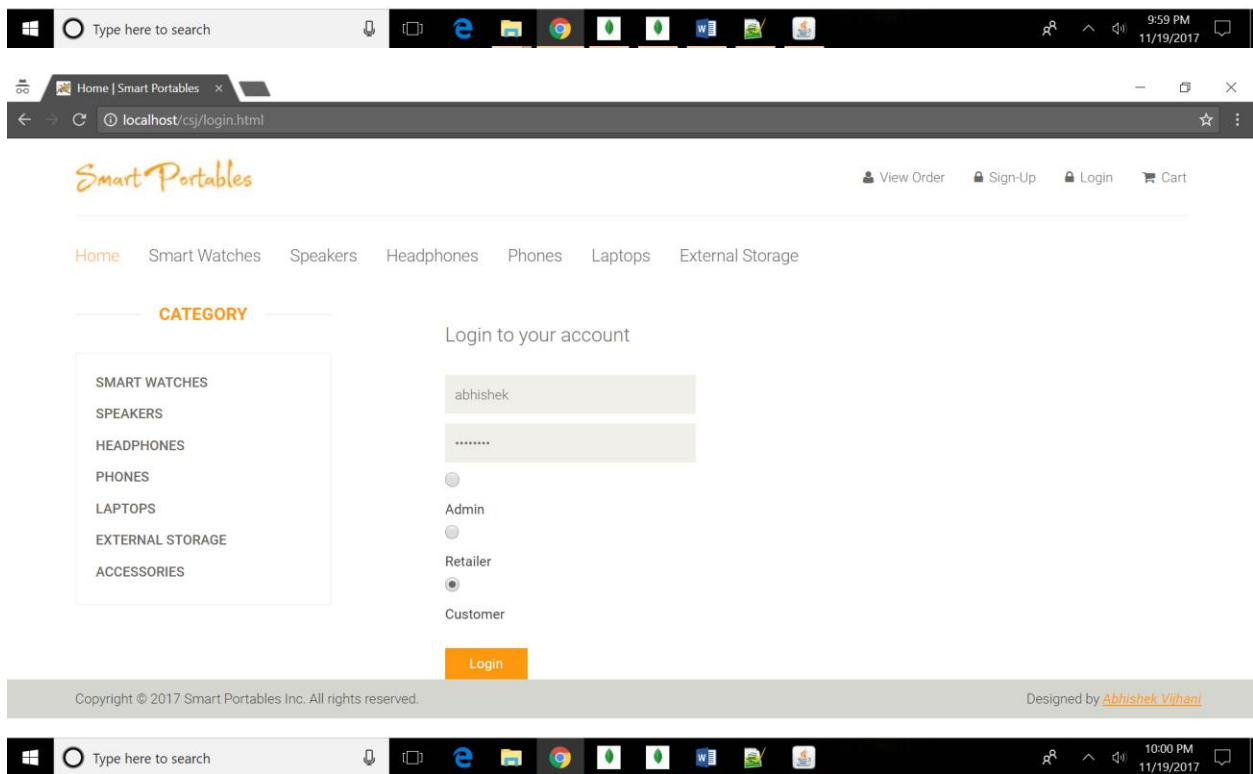
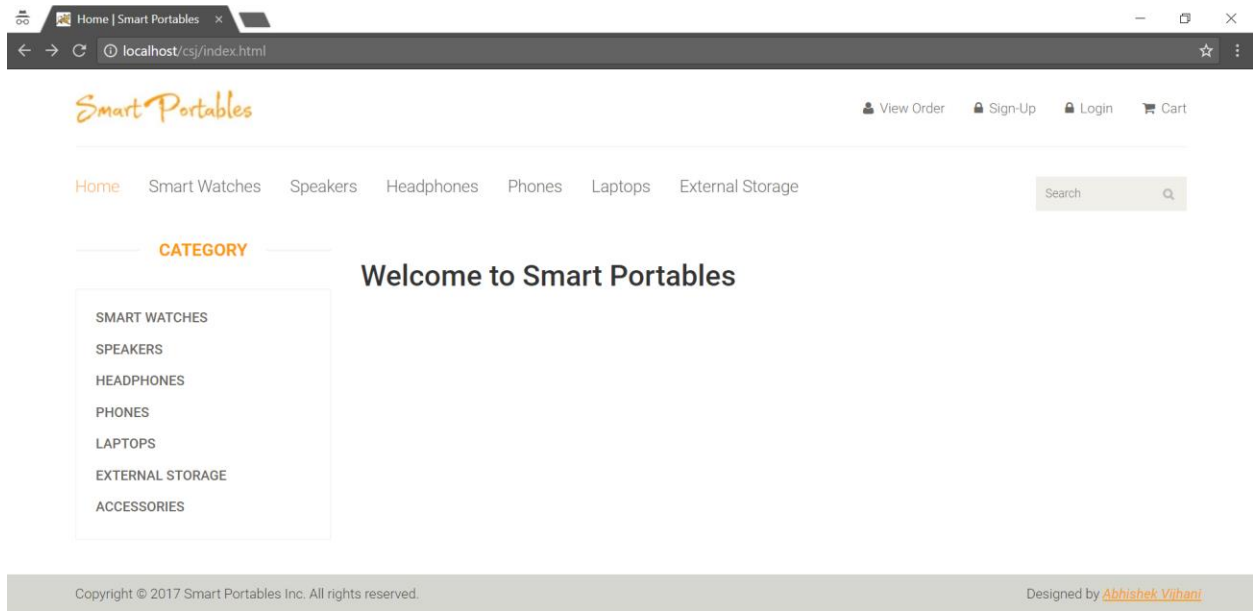
DealMatches - Notepad

File Edit Format View Help

```
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Save $400 on select Apple MacBook Pro with Touch Bar. #Deal https://t.co/eeq8sHuJ53
```

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Product Name SanDisk
Product Type External-Storage
User Name abhishek
Retailer Samsung
Retailer Zip 60656
Retailer State Illinois (IL)
Retailer City Chicago
On Sale No
Manufacturer Name SanDiskM
Rebate no
User Age 23
Occupation Student
Gender Male
Rating 5.0
Review Nice...!!

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69	SanDisk	1	19.0
Total : 19.0			

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Product ID	Product Name	Product Quantity	Product Price
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Total : 19.0			

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Order Number 77
User Name abhishek
Product ID 69
Product Name SanDisk
Order Date 11/19/2017
Delivery Date 12/03/2017
Quantity 1
Price 19.0

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