

National Level Python Bootcamp – Project Documentation

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Idea of the project:


Nowadays we can observe that there are multiple e-commerce websites available on the internet. When we try to buy a product it is difficult to look at each website whether the product is available or not. To overcome this problem this web application provides an interface in which you can check the products which are available on Flipkart, Paytm mall and Shopclues sites without checking in those sites separately.

Application Usage:

- The products are divided into 2 categories. One for mobiles and another category for all other products.
- User need to enter the category number and the product of his choice in the two input fields which are available on the screen
- The category number should be entered correctly to get perfect output
- Once the user clicks on the view Items button, all the items available on Flipkart, Shopclues, and Paytm mall will be displayed. The details include Product Name and Price in the respective sites.
- The products which are displayed are the top 5 search results in the respective sites.
- Users can choose their products by looking at the prices on each site.
- Example:
 - If User want Redmi Note 5 mobile details first he need to enter category number as 1 and in the next field he should enter the product name and press view items button
 - If user want Jbl earphones, this comes under the second category . First he need to enter the category number as 2 and in the next field he should enter the product name and press view items button

Sample Input and Output:

Sample Input:

 **People Bazaar**

Choose Your Product


Select the category of the product and enter name of the product. Once you click on the view items button , the products which are available on flipkart , snapdeal , paytm mall will be displayed below. This list is same as the search results of the product in the respective sites.If there is input mistake or error , name or price is not displayed.


Categories :


1. For mobile phones
2. For other Products

Enter category Number :

Enter product Name :

 **Products available on Flipkart**

 **Products available on Paytm Mall**

 **Products available on Snapdeal**

Sample Output:

🛒 Products available on Flipkart	
Name	price
Redmi Note 5 (Rose Gold, 32 GB)	₹12,299
Redmi Note 5 (Gold, 32 GB)	₹11,999
Redmi Note 5 Pro (Gold, 64 GB)	₹13,999
Redmi Note 5 Pro (Gold, 64 GB)	₹12,999
Redmi Note 5 Pro (Blue, 64 GB)	₹12,999

🛒 Products available on Paytm Mall	
Name	price
redmi mi note 5 pro case bluegkik cover	179
SVISINDIA Silicone Back Cover For Redmi Note 5 (Multi)	179
PM PRINTS Silicone Back Cover For Redmi Note 5 Pro (Multi)	175
Cellshop Polycarbonate Back Cover For Redmi Note 5 Pro (Black)	199
shopyhoik Gkk Case Cover Compatible for Xaomi Mi Redmi Note 5 Pro	179
🛒 Products available on Snapdeal	
Name	price
Lenovo K8 Note (4 GB, 64 GB, Venom Black)	Rs.14999
Orange B6 Smart Phone 1GB RAM 5GB ROM 5 inch Display 22	Rs.3999
Orange B6 Smart Phone 1GB RAM 5GB ROM 5 (4G LTE VoLTE N	Rs.3999
Redmi Note 5 - KickStand Hybrid Warrior Armor Defender	Rs.229
Redmi Note 5 - Premium Flexible 2.5D Pro HD+ Crystal	Rs.199

Libraries/Modules/Frameworks/APIs used:

- Beautiful Soup
- Flask
- Requests
- Pandas

Application Requirements:

- User must have an active internet connection.