Converter App – ( Task 2 )

Project has got only one endpoint which converts weblinks to deeplinks.In my task there are 4 different weblink type which has specific chars or words containing.

1-Home Page

For this link type, link must contain /butik/liste words after base url.

If you send a request with correct sequence like; (“https://www.trendyol.com/butik/liste/erkek”) , if there is no data in our database with “erkek”, it will create a new entry and after each request with same keyword ”erkek” , it will return the same entry.Also,this page handler is not case-sensitive.If you use NON-ASCII characters it will convert these characters to ASCII.

Example Usage 1 :

* Endpoint

<http://localhost:8080/create>

* Request - JSON

{

    "webLink" : "https://www.trendyol.com/butik/liste/erkek"

}

* Response – JSON

{

    "code": 200,

     "message": "SUCCESS",

     "deepLink": "ty://?Page=Home&SectionId=1"

}

2-Product Detail Page

For this link type, link must contain -p- keyword in url.

If you send a request with correct sequence like; (“https://www.trendyol.com/casio/erkek-kol-saati-p-1925865?boutiqueId=439892&merchantId=105064”) , if there is no data in our database matches brandOrCategoryName = casio,productName = erkek-kol-saati, contentId = 1925865 , boutiqueId = 439892 , merhantId = 105064, it will create a new entry and after each request with same keyword sequenced link , it will return the same entry.Also,this page handler is not case-sensitive.If you use NON-ASCII characters it will convert these characters to ASCII.

Example Usage 1 :

* Endpoint

<http://localhost:8080/create>

* Request - JSON

{

"webLink" : "https://www.trendyol.com/casio/erkek-kol-saati-p- 1925865?boutiqueId=439892&merchantId=105064"

}

* Response – JSON

{

     "code": 200,

     "message": "SUCCESS",

"deepLink": "ty://?Page=Product&ContentId=1925865&CampaignId=439892&Merchant Id=105064"

}

Example Usage 2 :

* Endpoint

<http://localhost:8080/create>

* Request - JSON

{

     "webLink" : "https://www.trendyol.com/casio/erkek-kol-saati-p-1925865"

}

* Response – JSON

{

     "code": 200,

     "message": "SUCCESS",

"deepLink": "ty://?Page=Product&ContentId=1925865"

}

Example Usage 3 :

* Endpoint

<http://localhost:8080/create>

* Request - JSON

{

"webLink" : "https://www.trendyol.com/casio/erkek-kol-saati-p-1925865?boutiqueId=439892"

}

* Response – JSON

{

     "code": 200,

     "message": "SUCCESS",

"deepLink": " ty://?Page=Product&ContentId=1925865&CampaignId=439892"

}

Example Usage 4 :

* Endpoint

<http://localhost:8080/create>

* Request - JSON

{

"webLink" : "https://www.trendyol.com/casio/erkek-kol-saati-p-1925865?merchantId=105064"

}

* Response – JSON

{

     "code": 200,

     "message": "SUCCESS",

"deepLink": "ty://?Page=Product&ContentId=1925865&MerchantId=105064"

}

3- Search Page

For this link type, link must contain tum--urunler keyword in url.

If you send a request with correct sequence like; (“https://www.trendyol.com/tum--urunler?q=elbise”) , if there is no data in our database matches with query parameter “elbise”, it will create a new entry and after each request with same keyword , it will return the same entry.This page handler is case-sensitive.If query parameter is uppercase then deeplink query parameter will be uppercase too.If you use NON-ASCII characters it will convert these characters to ASCII.

Example Usage 1 :

* Endpoint

<http://localhost:8080/create>

* Request - JSON

{

  "webLink" : "https://www.trendyol.com/tum--urunler?q=elbise"

}

* Response – JSON

{

     "code": 200,

     "message": "SUCCESS",

"deepLink": "ty://?Page=Search&Query=elbise"

}

Example Usage 2 :

* Endpoint

<http://localhost:8080/create>

* Request - JSON

{

  "webLink" : "https://www.trendyol.com/tum--urunler?q=%C3%Ct2"

}

* Response – JSON

{

     "code": 200,

     "message": "SUCCESS",

  "deepLink": "ty://?Page=Search&Query=%C3%Ct2"

}

4- Other Pages

For this link type, if link does not contain any keyword which specified above , it will return homepage deeplink.

If you send a request starts with base url (“https://www.trendyol.com”) and if there is no keyword like specified above it will return base deep link url.This page handler is not case-sensitive. If you use NON-ASCII characters it will convert these characters to ASCII.

Example Usage 1 :

* Endpoint

<http://localhost:8080/create>

* Request - JSON

{

  "webLink" : "https://www.trendyol.com/Hesabım"

}

* Response – JSON

{

     "code": 200,

     "message": "SUCCESS",

"deepLink": "ty://?Page=Home"

}

Example Usage 2 :

* Endpoint

<http://localhost:8080/create>

* Request - JSON

{

  "webLink" : "https://www.trendyol.com/Hesabim/#/Siparislerim"

}

* Response – JSON

{

     "code": 200,

     "message": "SUCCESS",

"deepLink": "ty://?Page=Home"

}

* Exceptions

If url not starts with base url (“https://www.trendyol.com”) , then it will return exception message as stated below;

Example :

* Endpoint

<http://localhost:8080/create>

* Request - JSON

{

  "webLink" : "https://www.google.com "

}

* Response – JSON

{

     "code": 202,

     "message": "WEB LINK NOT CONTAIN HOME PAGE URL"

}

Docker Information

Database – PostgreSQL

Port : 5432

Database Name : converter

Username : postgres

Password : secret