

1. GET /transactions/social/search/{userId}

Description :

Recherche toutes les transactions associées à un utilisateur spécifique, identifié par son userId.

- **Paramètres :**
 - Path Parameter :
 - userId (String) : L'identifiant de l'utilisateur.

Exemple de Requête :

```
curl -X 'GET' \
'http://localhost:8080/transactions/social/search/user_01?limit=5' \
-H 'accept: */*'
```

Code 200 (OK) :

```
[
  {
    "_id": {
      "timestamp": 1731796666,
      "date": "2024-11-16T22:37:46.000+00:00"
    },
    "hashtags": [
      "newarrival",
      "shopping"
    ],
    "post_id": "12345",
    "reactions": {
      "likes": 15,
      "shares": 3,
      "comments": 4
    },
    "text": "Excited about the new product launch! #newarrival",
    "timestamp": "2023-11-01T10:00:00Z",
    "user_id": "user_01",
    "version": "1.11.25"
  }
]
```

2. GET /transactions/search/{paymentMethod}

Description :

Retourne une liste de transactions effectuées avec un mode de paiement spécifique.

- **Paramètres :**
 - Path Parameter :
 - paymentMethod (String) : Le mode de paiement utilisé (ex. : CreditCard, PayPal, BankTransfer).

Exemple de Requête :

```
curl -X 'GET' \  
  'http://localhost:8080/transactions/search/PayPal?limit=2' \  
  -H 'accept: */*'
```

Code 200 (OK) :

```
[  
  {  
    "_id": {  
      "timestamp": 1731796682,  
      "date": "2024-11-16T22:38:02.000+00:00"  
    },  
    "customer_id": "102",  
    "payment_method": "PayPal",  
    "product_id": "P002",  
    "quantity": "1",  
    "total_amount": "19.99",  
    "transaction_date": "2024-11-10 11:15:30",  
    "transaction_id": "2",  
    "transaction_status": "Completed",  
    "version": "1.11.25"  
  },  
  {  
    "_id": {  
      "timestamp": 1731796682,  
      "date": "2024-11-16T22:38:02.000+00:00"  
    },  
    "customer_id": "106",  
    "payment_method": "PayPal",  
    "product_id": "P005",  
    "quantity": "2",  
    "total_amount": "39.98",
```

```
"transaction_date": "2024-11-14 08:50:10",  
"transaction_id": "6",  
"transaction_status": "Failed",  
"version": "1.11.25"  
}  
]
```

3. GET /transactions/adcampaign/search

Description :

Fournit des informations sur les transactions liées à des campagnes publicitaires ayant un nombre de clics supérieur au nombre spécifié

- **Paramètres :**
 - Path Parameter :
 - Clicks(double) : Nombre de clics sur la campagne publicitaire

Exemple de Requête :

```
curl -X 'GET' \  
'http://localhost:8080/transactions/adcampaign/search?minClicks=500000' \  
-H 'accept: */*'
```

Code 200 (OK) :

```
[  
  {  
    "_id": {  
      "timestamp": 1731883785,  
      "date": "2024-11-17T22:49:45.000+00:00"  
    },  
    "ad_id": "AD0034",  
    "campaign_id": "CAMP010",  
    "clicks": 689332,  
    "conversions": 921,  
    "currency": "USD",  
    "impressions": 732982,  
    "spend": 9512.55,  
    "timestamp": "2023-12-17T09:00:00Z",  
    "version": "1.11.25"  
  },  
  {  
    "_id": {  
      "timestamp": 1731883785,  
      "date": "2024-11-17T22:49:45.000+00:00"  
    },  
    "ad_id": "AD0039",  
    "campaign_id": "CAMP005",  
    "clicks": 639432,  
    "conversions": 671,  
    "currency": "USD",
```

```
"impressions": 723840,  
"spend": 4237.43,  
"timestamp": "2023-02-21T09:00:00Z",  
"version": "1.11.25"  
}  
]
```