# MTN Momo API Consumption

* First you need to create an account and make subscriptions to the different Collections that are needed.
* Next you need to get to the sandbox and create a test user, just use any mechanism to generate a random string that can be used as an ID for the user to be created.

Here we are going to make a request to

**https://sandbox.momodeveloper.mtn.com/v1\_0/apiuser**

and we are going to pass the following parameters within the header

1. X-Reference-Id == which is the string we generated earlier, UUID
2. Content-Type == application/json
3. Ocp-Apim-Subscription-Key == this is the primary key in your profile

Then the body will have

{

"providerCallbackHost": "string"

}

When still in the sandbox, just use localhost:5000, or whatever, when hosted use that domain.

* Then to verify the user has actually been created, we can make a GET request to capture the user details.

We make a request to [**https://sandbox.momodeveloper.mtn.com/v1\_0/apiuser/{X-Reference-Id}**](https://sandbox.momodeveloper.mtn.com/v1_0/apiuser/%7bX-Reference-Id%7d)

**The parameters are X-Reference-Id**

**And we also need to pass the Ocp-Apim-Subscription-Key in the headers**

* After that we need to generate an API key that will identify the user we just created and to do that , we make a request to:

[**https://sandbox.momodeveloper.mtn.com/v1\_0/apiuser/{X-Reference-Id}/apikey**](https://sandbox.momodeveloper.mtn.com/v1_0/apiuser/%7bX-Reference-Id%7d/apikey)

**Where the request parameters are X-Reference-Id and we provide a request header of**

**Ocp-Apim-Subscription-Key**

**MAKING A REQUEST FOR PAYMENT**

**After creating a user, this user will be permanent and will be a medium through which all the transactions will go through, in otherwards that user is the application.**

**In every request made, the Ocp-Apim-Subscription-Key has to be provided and then an UUID of the app user (X-Reference-Id).**