**CBEBirr Payment Gateway**

Preliminary API Validation Documentation

Version 1.2 | Last Updated On October-2023

Root Address: https://cbebirrpaymentgateway.cbe.com.et:8888/api/cbebpg/

1. **Checking if the WEB API Connection Is Working As Required**
   1. END POINT NAME: CheckCall
   2. Response Value:
      1. “Welcome [HOST NAME] You Connected Successfully with CBEBirr Payment Gateway Service!"
2. **Checking Data Transfer Model through API**
   1. END POINT NAME: CheckMe
      1. Parameteres to Pass:
         1. TillCode: Till Code of the Organization
   2. Response value:
      1. System will Validate TillCode against Predefined data and on success returns MODEL WHERE **“[MANAME]-IS COMPANY NAME,[TillCode]-IS COMPANY TILL CODE”**
      2. System will Validate TillCode against Predefined data and returns MODEL WHERE “**{MANAME}=”No merchant found with the provided till code” and {TillCode}-COMPANY TILL CODE”** on failure to get registered merchant with the provided merchant till code
      3. System will return MODEL WHERE **“{MANAME}=”Bad Request!” and {TillCode}-COMPANY TILL CODE”** on failure to process the request
3. **Checking If Decryption Works As Required**
   1. END POINT NAME: CheckMeENC
      1. Parameter to Pass
         1. TillCode: GIVEN TILL CODE (Not Encrypted)
   2. Response value:
      1. **“Encrypted Company Name- + [CompName]”** …..where CompName is encrypted text value of Company name. Here you will be expected to decrypt the [CompName] value and check if you can find a proper value which is equivalent with your company name.
      2. **“No merchant found with the provided till code:”**……if there is no merchant code registered.
      3. **“Bad request!”**…….. if the request is bad request or failed to process.
4. **Check If Encryption works as Required** 
   1. END POINT NAME: CheckMeDEC
      1. PARAMETER TO PASS
         1. TillCode: GIVEN TILL CODE (Not Encrypted)
         2. MName : Encrypted text
   2. Response Value:
      1. **“ This is what you send in Encrypted format: [CompName]”** ….. where CompName is the decrpted text value of a text you pass as MName
      2. **“No merchant found with the provided till code:[TillCode]”** ….If there is no merchant registered under the provided till code. Where [TillCode] is company Till code
      3. **“Bad request!”** …….. if the request is bad request or failed to process.

**Note: - After a successful accomplishment of the preliminary test endpints CBEBirr Payment Gateway Integration Can easily be done by redirecting to CBEBirr Payment Gateway page passing the required information’s as indicated on the main CBEBirr Payment Gateway Manual.**