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**Sonali Bank Limited**

**Sonali Payment Gateway (SPG)  
(Payment/Fee Collection)**

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| **Version** | **3.0.0 (Date: 03-11-2022)** |
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In Live you will get:  
User:  
Passward:  
Url:   
Authorization: Basic Value (Basically header value)

Also, you will get (No relation with integration):   
UI VIEW portal to check transaction on webpage.

You need to integrate 3 API with us.

1st api Request:

curl --location --request POST 'https://Url:6314/api/v2/SpgService/GetAccessToken' \

--header 'Content-Type: application/json' \

--header 'Authorization: Basic Value' \

--data-raw '{

"AccessUser":{

"userName":"User",

    "password":"Passward"

},

"invoiceNo":"INV12345688",

"amount":"45",

"invoiceDate":"2022-11-03",

"accounts": [

      {

  "crAccount": "1112223334445",

  "crAmount": 10

    },

{

  "crAccount": "0002601020864",

  "crAmount": 15

   },

{

  "crAccount": "0002601020871",

  "crAmount": 20

   }

  ]

}'

1st API response:  
{

    "status": "200",

    "msg": "success",

    "access\_token": "FMF2SnlMcAkZsqt/aSwLz6LWAzr2EJ6nY3HgQ0lB4ykS6+/HCqGdioWyd2kjOO/MZ59w1T3UiQQdDTqM8pLbnQRcMsnMWmYEr9Kyb1sJoaw="

}

NOTE:

1. CrAmount Sum should be equal to amount Value
2. This example explains three different accounts will be credited.

1st api is done when you get status 200 in return. Access\_token is needed in 2nd api call.  
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2nd api call request:  
curl --location --request POST 'https://URL:6314/api/v2/SpgService/CreatePaymentRequest' \

--header 'Content-Type: application/json' \

--header 'Authorization: Basic Value' \

--data-raw '

{

"authentication":{

  "apiAccessUserId": "**User**",

  "apiAccessToken": "{access\_token} from 1st api"

},

  "referenceInfo": {

  "InvoiceNo": "INV123456887878",

  "invoiceDate": "2022-11-03",

  "returnUrl": "http://localhost.com/Service/Response",

  "totalAmount": "30",

  "applicentName": "Md. Hasan Monsur",

  "applicentContactNo": "01710563521",

  "extraRefNo": "2132"

   },

  "creditInformations": [

   {

    "slno": "1",

    "crAccount": "1112223334445",

    "crAmount": "10",

    "tranMode": "CHL"

   },

   {

     "slno": "2",

    "crAccount": "0002601020864",

    "crAmount": "20",

    "tranMode": "TRN"

   }

  ]

}

'

Response:

{

    "status": "200",

    "session\_token": "333b76cf9d9fd23fb4df2ea7845fb100ab878c19542",

    "message": "success"

}

NOTE:

1. CrAmount Sum should be equal to amount Value
2. Sl value starts with 1 and next array increase by 1
3. This example explains 1 Challan and 2 diffierent Sonali bank accounts will be credited.

"tranMode": "CHL" // for challan ( No account credit, you will get challan)

    "tranMode": "TRN" // For account credit ( you will get balance on account)

1. Challan portion will start part, Account portion will be last.
2. InvoiceNo and InvoiceDate will be same in api1 and api2
3. ReturnUrl must contain http/https. Also plain normal url. No ? is supported. Exp: https://myurl.com/responseCon/respoFunc

If status is 200, 2nd api is done

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Redirect Operation TO SPG (GET/POST & Redirect)

[https://URL:6313/SpgLanding/SpgLanding/{session\_token](https://URL:6313/SpgLanding/SpgLanding/%7bsession_token)}

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After payment you will get return like below:

{https://returnUrl}/?session\_token={session\_tocken}&status={StatusCode}

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After redirect you need to fetch the value of session\_token and Status Value.

Status Value will be success, fail, counter

You need to call TransactionVerification api to ensure the status.

TransactionVerification:  
curl --location --request POST 'https://URL:6314/api/v2/SpgService/TransactionVerificationWithToken' \

--header 'Content-Type: application/json' \

--header 'Authorization: Basic Value' \

--data-raw '{

  "session\_Token": "a54cccba60f30097de07b2a0ec47b28ae99a2669755"

}'

Response:  
{

    "status": "201",

    "msg": "Unpaid",

    "TransactionId": "1902269000000677",

    "TransactionDate": "2022-04-27 10:49:11",

    "InvoiceNo": "INV155422121443",

    "InvoiceDate": "2019-02-26",

    "BrCode": "Later",

    "ApplicantName": "Md. Hasan Monsur",

    "ApplicantContactNo": "01710563521",

    "TotalAmount": "400",

    "PaymentStatus": "201",

    "PayMode": "ANY",

    "PayAmount": "400",

    "Vat": "0",

    "Commission": "0",

    "ScrollNo": "N"

}

Note: 1. ScrollNo contains challan no.

I am writing this, not completed, but it will be helpful