

API Request/Response

Grant Token

- **API Title :** Grant Token
- **API URL :** <https://tokenized.sandbox.bka.sh/v1.2.0-beta/tokenized/checkout/token/grant>

- **Request Body :**

```
{
  "app_secret" : "2is7hdktrekvrbljjh44ll3d9l1dtjo4pasmjvs5vl5qr3fug4b",
  "app_key" : "4f6o0cjiki2rfm34kfdadl1eqq"
}
```

- **API Response :**

```
"id_token" : "eyJraWQiOiJvTVJzNU9ZY0wrUnRXQ2o3ZEJtdlc5VDBEcjYtrckw5M1NzY0VqUzlERXVzPSIsImFsZyI6IlJTMjU2In0.eYJzdWLiOiJIODNiMDkwMC1jY2ZmLTQzYTctODhiNy0wNjE5NDJkMTVmOTYiLCJhdWQiOiI0ZjZvMGNaWtpMnJmbTM0a2ZkYWRSbWVxcSIsImV2ZW50X2lkIjoiaWUiLCJhdXR0eX3RpbWUiOjE1Njc1ODU0MDMsImlzcyl6Imh0dHBzOlwvXC9jb2duaXRvLWlkceC5hcC1zb3V0aGVhc3QtMS5hbWF6b25hd3MuY29tXC9hcC1zb3V0aGVhc3QtMV9yYTNuUFkzSlMiLCJjb2duaXRvOnVzZXJuYW1lIjoic2FuZGJveFRva2VuaXplZFVzZXIwMiIsImV4cCI6MTU2NzU0OTAwMywiaWF0IjoxNTY3NTg1NDAsZfQ.KjFfl46yjZuwYx7hjGB4HcVJC_5UOAad1bOytZPUmCyzU_7azohr1liIqSRcaMOWtK5PCKkUIZbKROMKfZrYzeWKaFk7Nf0oEYFcuzapNNJ8vGQaheIUqb2zN_zgCfQL7ggte4REWnhwlqg603bn0AjeczlALDKZ3SDwYvzhH70CwkE53k1fvAh5cZvwnc_k4UGIrGAvkzbSpkkiPJF89ejVMPjvcdG2br76s-Xtr8zy8K2maMzSpRgpky-BtnTvbSaJAQy4St2IN5Le6CmmMfXt_5Idg7eA38W6z_8x3VVOM4jQFsPXa2lIBb8z6jIANnX0glm84Rzntc1lmjqA" ,  
"expires_in" : 3600 ,  
"token_type" : "Bearer" ,  
"statusMessage" : "Successful" ,  
"refresh_token" : "eyJjdHkiOiJKV1QiLCJlbmMiOiJBbmJGU2R0NnIiwiaWF0IjoiNjU0a2ZkYWRSbWVxcSIsImV2ZW50X2lkIjoiaWUiLCJhdWQiOiI0ZjZvMGNaWtpMnJmbTM0a2ZkYWRSbWVxcSIsImV2ZW50X2lkIjoiaWUiLCJhdXR0eX3RpbWUiOjE1Njc1ODU0MDMsImlzcyl6Imh0dHBzOlwvXC9jb2duaXRvLWlkceC5hcC1zb3V0aGVhc3QtMS5hbWF6b25hd3MuY29tXC9hcC1zb3V0aGVhc3QtMV9yYTNuUFkzSlMiLCJjb2duaXRvOnVzZXJuYW1lIjoic2FuZGJveFRva2VuaXplZFVzZXIwMiIsImV4cCI6MTU2NzU0OTAwMywiaWF0IjoxNTY3NTg1NDAsZfQ.KjFfl46yjZuwYx7hjGB4HcVJC_5UOAad1bOytZPUmCyzU_7azohr1liIqSRcaMOWtK5PCKkUIZbKROMKfZrYzeWKaFk7Nf0oEYFcuzapNNJ8vGQaheIUqb2zN_zgCfQL7ggte4REWnhwlqg603bn0AjeczlALDKZ3SDwYvzhH70CwkE53k1fvAh5cZvwnc_k4UGIrGAvkzbSpkkiPJF89ejVMPjvcdG2br76s-Xtr8zy8K2maMzSpRgpky-BtnTvbSaJAQy4St2IN5Le6CmmMfXt_5Idg7eA38W6z_8x3VVOM4jQFsPXa2lIBb8z6jIANnX0glm84Rzntc1lmjqA"  
}
```

```
CzV6zdXcXIx_Lhz5KLVeGC12kOEa7OhGSISpeNoMbZLIPRBIUnnvMEC-2WCmmh
xda6swW735kiJRJv21b74f0NX5UozYbj_V1f1UoWzGUCc5Q-ZhnBzvsXrj0P5NF1
WcsiBAa3tdZKaGdCt9z5I9TauFUD-xHGHOofa3vrTELEcKrUNv3w2xnE3cEf9Vn0
uRflfLx6bUDT-gfwH7VPvN7_jwsnOAH_cE_m2ywRIIzTZm_C6dkCRJ2BfgcgpKxT
W98DeXgX6fFlnKuLYtrSp6-e4T9kGiueCNDMPe0oqdqv7ihuqYnqCUMydTe-MDqz
U90dbycgGFA4jVusbhJZ7Xfp3apk1a-xjOM3K_xblQYHA2Ztp4migsuAVt6NW6zn
krI2ml-kd0Uq5oBOLAuosHuharZqakZRysWMkYHtO_h1IUM_-ZvB-OuKX3446mlI
oHTCQFkb86_2MTrwW6EEepGs8t4ufxS5cwJu5-UMSb1vWIuaQArR4-EBAtAT3OjC
RESiQR2AM4QFWrlPnqlHpLuYOgGhjBASdXC9hVN2EbrogxSxzBy5Is-JxUjL2neG
_GLI3SD0p1W0roJUSHe8QQiCEERQngQN-JB5gHflRcNz5SZXZDZOyTrchzC2cThk
E6aFLg6K6QJNS2YXJOXg9s1EsOBX08s69Xr2Fp4eb6gNJ06aODbP11aNhIxEGVui
GeBwQ-DHATgOlZMLR6yK50gdLMC9AbfXM7hOC4vFeTWclj2-sm9l8KKwcJw35v-r
WidMBHXNXSvjx35uhpDVElmt55dDLmrIUXULMMstwpO_aS6iLrL2O0ee9JRQoOPS
WWbGK5q2qj7v3rh2WBAusWmr5ykDWzQfphDDxOnBZwo.Q1VfpDR5ewceW9XxahE4
Wg",
"statusCode": "0000"
}
```

Create API

- **API Title :** Create Payment
- **API URL :** <https://tokenized.sandbox.bka.sh/v1.2.0-beta/tokenized/checkout/create>

- **Request Body :**

```
{
  "mode": "0011",
  "amount": "1499",
  "currency": "BDT",
  "intent": "sale",
  "merchantInvoiceNumber": "900000196",
  "callbackURL": "http://iiapi.ikmanit.com/bkv2_BikroyOPM/v1/update
_pay_status/bkash/900000196?origin=opm",
  "payerReference": "09878777666"
}
```

- **API Response :**

```
{
  "statusCode": "0000",
  "statusMessage": "Successful",
  "paymentID": "TR0011DV1567529737718",
  "bkashURL": "https://sandbox.payment.bkash.com/redirect/tokenized
/?paymentID=TR0011DV1567529737718&hash=3fS_qPIoeQoOduggv*EIw3Cx(
iaAaPdNKAp()Wpue6i(mGZluYJUJOHFDJH*sylgqBgR0MMQ*UmWs5R*5sVdy(reA
vxYsdQg8cv!1567529737814&mode=0011&apiVersion=v1.2.0-beta",
  "callbackURL": "http://iiapi.ikmanit.com/bkv2_BikroyOPM/v1/update
_pay_status/bkash/900000196?origin=opm",
  "successCallbackURL": "http://iiapi.ikmanit.com/bkv2_BikroyOPM/v1
/update_pay_status/bkash/900000196?origin=opm&paymentID=TR0011DV
1567529737718&status=success",
}
```

```

"failureCallbackURL" : "http://iiapi.ikmanit.com/bkv2_BikroyOPM/v1
/update_pay_status/bkash/900000196?origin=opm&paymentID=TR0011DV
1567529737718&status=failure" ,
"cancelledCallbackURL" : "http://iiapi.ikmanit.com/bkv2_BikroyOPM/
v1/update_pay_status/bkash/900000196?origin=opm&paymentID=TR0011
DV1567529737718&status=cancel" ,
"amount" : "1499" ,
"intent" : "sale" ,
"currency" : "BDT" ,
"paymentCreateTime" : "2019-09-03T22:55:37:813 GMT+0600" ,
"transactionStatus" : "Initiated" ,
"merchantInvoiceNumber" : "900000196"
}

```

Execute API

- **API Title :** Execute Payment
- **API URL :** <https://tokenized.sandbox.bka.sh/v1.2.0-beta/tokenized/checkout/execute>

- **Request Body :**

```

{
"paymentID" : "TR0011DV1567529737718"
}

```

- **API Response :**

```

{
"statusCode" : "0000" ,
"statusMessage" : "Successful" ,
"paymentID" : "TR0011DV1567529737718" ,
"payerReference" : "09878777666" ,
"customerMsisdn" : "01770618575" ,
"trxID" : "6I3801RD1Q" ,
"amount" : "1499" ,
"transactionStatus" : "Completed" ,
"paymentExecuteTime" : "2019-09-03T23:00:58:366 GMT+0600" ,
"currency" : "BDT" ,
"intent" : "sale" ,
"merchantInvoiceNumber" : "900000196"
}

```

Query Payment API

- **API Title :** Query Payment API
- **API URL :** <https://tokenized.sandbox.bka.sh/v1.2.0-beta/tokenized/checkout/payment/status/>

- **Request Body :**

```
{  
"paymentID" : "TR0011DV1567529737718"  
}
```

- **API Response :**

```
{  
"statusCode" : "0000" ,  
"statusMessage" : "Successful" ,  
"paymentID" : "TR0011DV1567529737718" ,  
"mode" : "0011" ,  
"paymentCreateTime" : "2019-09-03T22:55:37:813 GMT+0600" ,  
"paymentExecuteTime" : "2019-09-03T23:00:58:366 GMT+0600" ,  
"amount" : "1499" ,  
"currency" : "BDT" ,  
"intent" : "sale" ,  
"merchantInvoice" : "900000196" ,  
"trxID" : "6I3801RD1Q" ,  
"transactionStatus" : "Completed" ,  
"verificationStatus" : "Complete" ,  
"payerReference" : "09878777666"  
}
```

Search Transaction API

- **API Title :** Search Payment API

- **API URL :**

<https://tokenized.sandbox.bka.sh/v1.2.0-beta/tokenized/checkout/general/searchTransaction>

- **Request Body :**

```
{  
"trxID" : "6I3801RD1Q"  
}
```

- **API Response :**

```
{  
"statusCode" : "2003" ,  
"statusMessage" : "Process Failed"  
}
```

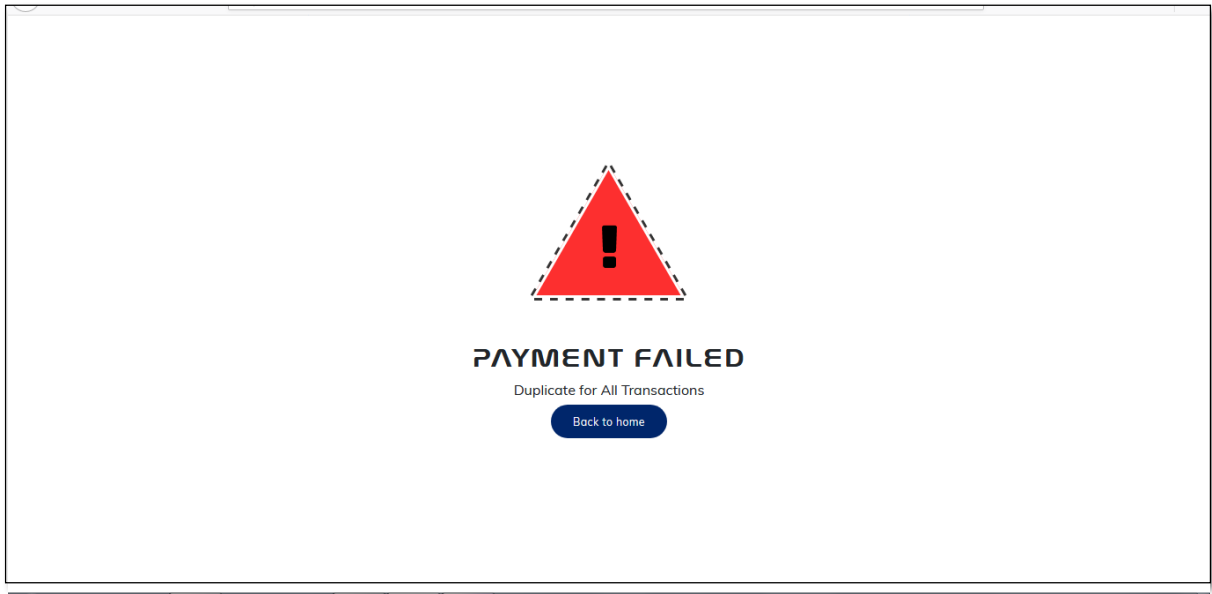
Error Message Implementation

Case#A (Duplicate Transaction)

Invoice number: 1044823732395087

Time of Transaction: 03:43pm Dec 22 2019

Screenshot:

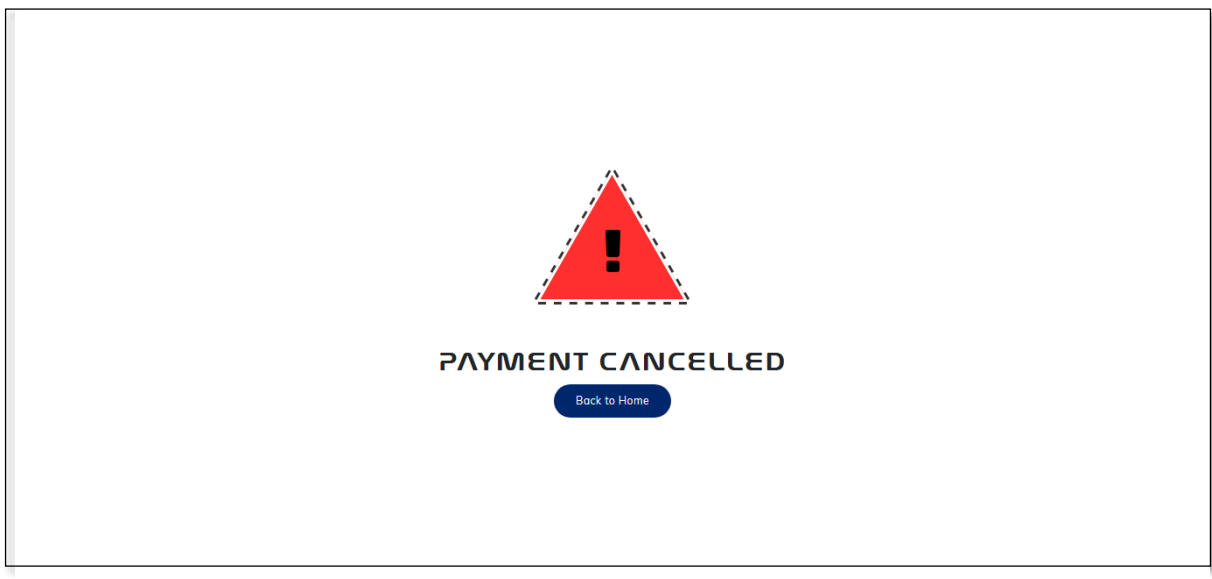


Case#B (Cancel Payment)

Invoice number: 1044823732395090

Time of Transaction: 03:53pm Dec 22 2019

Screenshot:



Case#C (Wrong OTP Exceed)

Invoice number: 1044823732395281

Time of Transaction: 03:56pm Dec 22 2019

Screenshot:

