**API Request/Response**

**API Title: Grant Token**

**API URL:** https://checkout.sandbox.bka.sh/v1.2.0-beta/checkout/token/grant

**Request Body:**

headers:

{

username: testdemo,

password: test%#de23@msdao

},

body params:{

app\_key: 5nej5keguopj928ekcj3dne8p,

app\_secret: 1honf6u1c56mqcivtc9ffl960slp4v2756jle5925nbooa46ch62

}

**API Response:**

{

"token\_type":"Bearer",

"id\_token"eyJraWQiOiJmalhJQmwxclFUXC9hM215MG9ScXpEdVZZWk5KXC9qRTNJOFBaeGZUY3hlamc9IiwiYWxnIjoiUlMyNTYifQ.eyJzdWIiOiI4ZGU4ZjBlMC1mY2RjLTQyNzMtYjY4YS1iNDAwOWNjZjc3ZDEiLCJhdWQiOiI2NmEwdGZpYTZvc2tkYjRhMDRyY24wNjNhOSIsImV2ZW50X2lkIjoiNDM4ZDIyMWItNGE1ZC00ZGVmLWJlOTItMTBlZjVhYmJlMzNlIiwidG9rZW5fdXNlIjoiaWQiLCJhdXRoX3RpbWUiOjE2NDY1NDg4OTAsImlzcyI6Imh0dHBzOlwvXC9jb2duaXRvLWlkcC5hcC1zb3V0aGVhc3QtMS5hbWF6b25hd3MuY29tXC9hcC1zb3V0aGVhc3QtMV9rZjVCU05vUGUiLCJjb2duaXRvOnVzZXJuYW1lIjoidGVzdGRlbW8iLCJleHAiOjE2NDY1NTI0OTAsImlhdCI6MTY0NjU0ODg5MH0.X1UlSS04wqqf\_aCysQ3OJouks3UFpvfO5HI\_R2lMonjSJc1txEFHZ04Qf8m-mvuQwF36zKxuesDyuhV\_\_K9R0hGrWiuhB17RJyfvDjP8NHdEUIooPxvDi1ywI4j0JDJZLKQbvqxUrNKi8PHOSN1nhqUXHB7GQtR6-EmU3e2DiDBaPjSPC-LGypvoamWbqppYftVz-PQJUOh6gKv4CUmTcZSSDz8i7FubwWiisGISdwCgMrNV1IBSY-TqAsay\_uglLMZJBwltc311qN\_kL18qiT8JcUlvygze9cmRe34rtkZXGvxkkjAGRRNdQCpRKVZmB8gnuqSrLg6XokfEPrJ9UQ",

"expires\_in":3600,

"refresh\_token":"eyJjdHkiOiJKV1QiLCJlbmMiOiJBMjU2R0NNIiwiYWxnIjoiUlNBLU9BRVAifQ.JRGBs-8bvuNMSHj9SBS2JkdseUvtkh26oLzWSQLOioa1vouJBWsFfURCHUnIvLWzz0InTWfuUIhQ4dQlwPMj4\_jCgClwfUePGPfV3oAkBImliZzoWcmEfCjuW8wlwUPhMvRn\_tT8iO8aiqtZjsdgLdYHThE3Z3uFsYEJcQLqVPcRbs9\_LkOzXkHoX57ZtMtcIN4Qd-LejG7o2yQHCTySBxcKUoQhNbRMxeetnLPfEvKhcN3hURtTqKUR5aV2KpSG8yoA4LAotcLd5nwFvvSIsEx9KbjST5\_UBCR47sng3JbSNwPludLhmIO-1uRPZiBKckb1CC4tnLrN-dw-PzFUPQ.gHRMDq6VniOauyP2.qglU1uXRhlV\_KGYGAv3fDf5d7KA6eQ\_VPuGiTiDzORrER5GTnYx7oRNFeS1UvmVIXtkgqkh0\_atxe8Cv8Z\_SrHxElkyGwIBwZjWlTNCJdWzlQrfFwpqUig5wKEBHb4ck\_25k6-W6CcVDcEjmAUhvuBzbhg-y01nRaKrM\_UauMxPplFOsuDI02RdBrAZKviiRQf6b7FmlBTQj5fy5yWccz9X7P3jkxvBDWcQBH94U8ZQLIZwFfhxHT8Chbfowrc9cmKRSFuHQokVJ4Io1haqymDzWA5jGAJkf235Dz3i9QrB0KmcebbQvm7LOddRDd9Uvgq-DqrH\_mIwq7bP3htpZyIkfFTmCrqzLb3n4EO5PgyN8LJ\_VGOOc3VFeeAg9rlTFu0eYfdCSboISP7uDOJ8ovY-0bRmL0jQ017NlJutsOHTW6eafZeFk98ag8fO\_R2ajdCy0aqYANcIHVSKNg6eTZ6A27Mhky2tBDjxIg-VeSp9DDzJTczSsl1ATGcL2AKbaJUAVSAA0ptKbJsFPxliTzXzOsKCgN6SYNYre7U\_KhZmi5DiLSkR6oMBMQWVdhx1JcRg8sfDXWPoqLPEp283yEEu1-N-b\_-5lXzkc-9UGRlQJtuw\_rY6C9FQ\_N-h\_83xE67EulUXFM2-TlmN1sq\_k8F0\_9d2L0BT1vsOpbf1E-knC2lEU3jkopj-lVOOImDRergeqEF7BkgOsXW\_lbxvPWSMCTOs66XJOct-P5WJJJkdyvz-pAb7IXRpfYidutSlP5cTBIEQxcK-oHY01y1Gog4Ji4kk2KJPamXB5vyRkpahdL3KlOqYRJwrdSu5hxf6eoeZHK\_dnHOC0Ssl-gh2EoZytUl4RhadFKhhVie\_08h9IECbw-1IADfX1ge5o3IkO2dbGVyZ3ernth0vpnB6XS3DVUXXFGCJvZITiZvHgUr\_dskyqJXz7Z6hEAHbQ2gaA6sjobHYEFMlponfNBfOhkZ1t3lYboCK\_Sg6oo-TB8p-wjXYRRK6h1\_4nmTUC7efy\_P74pR-7AIHU-BisNB0DlLhCrRLcfEiACAiSZoet8w2GZYiQBvZARvbErLnnpeoKYf4Hgpgjfrb0lFg8Dclfitd4YeYSiphO\_u0ZYJGEK27P7diUE83xdRMe2sXjY7Ar-XHWmlAveqIsxLdT9HctXkg-rTKH7sBT\_8F48tA3KrkcCmsqwSfBtXP6GxqQBxZggaZ7LSH\_Obg4OsaAu0dhn4lpfu8znMYDSDZoVjj-DTNzw\_vxBDgBOT\_3BIhs3HY1naXbua4PQgsXx4pR9YK-ZvClVg.asxZPDB6bvpcr3Y8ZEtq6w"

**API Title:** Create Payment

**API URL:** https://checkout.sandbox.bka.sh/v1.2.0-beta/checkout/payment/create

**Request Body:**

headers:

{

authorization:

"eyJraWQiOiJmalhJQmwxclFUXC9hM215MG9ScXpEdVZZWk5KXC9qRTNJOFBaeGZUY3hlamc9IiwiYWxnIjoiUlMyNTYifQ.eyJzdWIiOiI4ZGU4ZjBlMC1mY2RjLTQyNzMtYjY4YS1iNDAwOWNjZjc3ZDEiLCJhdWQiOiI2NmEwdGZpYTZvc2tkYjRhMDRyY24wNjNhOSIsImV2ZW50X2lkIjoiNDM4ZDIyMWItNGE1ZC00ZGVmLWJlOTItMTBlZjVhYmJlMzNlIiwidG9rZW5fdXNlIjoiaWQiLCJhdXRoX3RpbWUiOjE2NDY1NDg4OTAsImlzcyI6Imh0dHBzOlwvXC9jb2duaXRvLWlkcC5hcC1zb3V0aGVhc3QtMS5hbWF6b25hd3MuY29tXC9hcC1zb3V0aGVhc3QtMV9rZjVCU05vUGUiLCJjb2duaXRvOnVzZXJuYW1lIjoidGVzdGRlbW8iLCJleHAiOjE2NDY1NTI0OTAsImlhdCI6MTY0NjU0ODg5MH0.X1UlSS04wqqf\_aCysQ3OJouks3UFpvfO5HI\_R2lMonjSJc1txEFHZ04Qf8m-mvuQwF36zKxuesDyuhV\_\_K9R0hGrWiuhB17RJyfvDjP8NHdEUIooPxvDi1ywI4j0JDJZLKQbvqxUrNKi8PHOSN1nhqUXHB7GQtR6-EmU3e2DiDBaPjSPC-LGypvoamWbqppYftVz-PQJUOh6gKv4CUmTcZSSDz8i7FubwWiisGISdwCgMrNV1IBSY-TqAsay\_uglLMZJBwltc311qN\_kL18qiT8JcUlvygze9cmRe34rtkZXGvxkkjAGRRNdQCpRKVZmB8gnuqSrLg6XokfEPrJ9UQ",

x-app-key: 5nej5keguopj928ekcj3dne8p

}

body params:{

"amount":"9593",

"currency":"BDT",

"intent":"sale",

"merchantInvoiceNumber":"WHS39669286",

}

**API Response:**

{

"amount":"9593",

"createTime":"2022-03-06T06:46:19:865 GMT+0000",

"currency":"BDT",

"intent":"sale",

"merchantInvoiceNumber":"WHS39669286",

"orgLogo": "https://s3-ap-southeast-1.amazonaws.com/merchantlogo.sandbox.bka.sh/merchant-default-logo.png",

"orgName":"TestCheckoutMerchant2",

"paymentID":"NR5WOK91646549179796",

"transactionStatus":"Initiated"

}

**API Title:** Execute Payment

**API URL:** https://checkout.sandbox.bka.sh/v1.2.0-beta/checkout/payment/execute/ G8C0A161646286017910

**Request Body:**

headers:

{

authorization:

"eyJraWQiOiJmalhJQmwxclFUXC9hM215MG9ScXpEdVZZWk5KXC9qRTNJOFBaeGZUY3hlamc9IiwiYWxnIjoiUlMyNTYifQ.eyJzdWIiOiI4ZGU4ZjBlMC1mY2RjLTQyNzMtYjY4YS1iNDAwOWNjZjc3ZDEiLCJhdWQiOiI2NmEwdGZpYTZvc2tkYjRhMDRyY24wNjNhOSIsImV2ZW50X2lkIjoiNDM4ZDIyMWItNGE1ZC00ZGVmLWJlOTItMTBlZjVhYmJlMzNlIiwidG9rZW5fdXNlIjoiaWQiLCJhdXRoX3RpbWUiOjE2NDY1NDg4OTAsImlzcyI6Imh0dHBzOlwvXC9jb2duaXRvLWlkcC5hcC1zb3V0aGVhc3QtMS5hbWF6b25hd3MuY29tXC9hcC1zb3V0aGVhc3QtMV9rZjVCU05vUGUiLCJjb2duaXRvOnVzZXJuYW1lIjoidGVzdGRlbW8iLCJleHAiOjE2NDY1NTI0OTAsImlhdCI6MTY0NjU0ODg5MH0.X1UlSS04wqqf\_aCysQ3OJouks3UFpvfO5HI\_R2lMonjSJc1txEFHZ04Qf8m-mvuQwF36zKxuesDyuhV\_\_K9R0hGrWiuhB17RJyfvDjP8NHdEUIooPxvDi1ywI4j0JDJZLKQbvqxUrNKi8PHOSN1nhqUXHB7GQtR6-EmU3e2DiDBaPjSPC-LGypvoamWbqppYftVz-PQJUOh6gKv4CUmTcZSSDz8i7FubwWiisGISdwCgMrNV1IBSY-TqAsay\_uglLMZJBwltc311qN\_kL18qiT8JcUlvygze9cmRe34rtkZXGvxkkjAGRRNdQCpRKVZmB8gnuqSrLg6XokfEPrJ9UQ",

x-app-key: 5nej5keguopj928ekcj3dne8p

}

API Response:

{

"amount":"9593",

"createTime":"2022-03-06T06:46:19:865 GMT+0000",

"currency":"BDT",

"intent":"sale",

"merchantInvoiceNumber":"WHS39669286",

"paymentID":"NR5WOK91646549179796",

"transactionStatus":"Completed",

"trxID":"9C6106JJCP",

"updateTime":"2022-03-06T06:46:46:424 GMT+0000"

}

**API Title:** Query Payment

**API URL:** https://checkout.sandbox.bka.sh/v1.2.0-beta/checkout/payment/query/ G8C0A161646286017910

**Request Body:**

headers:

{

authorization:

"eyJraWQiOiJmalhJQmwxclFUXC9hM215MG9ScXpEdVZZWk5KXC9qRTNJOFBaeGZUY3hlamc9IiwiYWxnIjoiUlMyNTYifQ.eyJzdWIiOiI4ZGU4ZjBlMC1mY2RjLTQyNzMtYjY4YS1iNDAwOWNjZjc3ZDEiLCJhdWQiOiI2NmEwdGZpYTZvc2tkYjRhMDRyY24wNjNhOSIsImV2ZW50X2lkIjoiODMxMmFmZjItMDczMC00MmZmLTgzYjQtNjQxNjA3ZmIwZjA1IiwidG9rZW5fdXNlIjoiaWQiLCJhdXRoX3RpbWUiOjE2NDY1NDk2NTgsImlzcyI6Imh0dHBzOlwvXC9jb2duaXRvLWlkcC5hcC1zb3V0aGVhc3QtMS5hbWF6b25hd3MuY29tXC9hcC1zb3V0aGVhc3QtMV9rZjVCU05vUGUiLCJjb2duaXRvOnVzZXJuYW1lIjoidGVzdGRlbW8iLCJleHAiOjE2NDY1NTMyNTgsImlhdCI6MTY0NjU0OTY1OH0.dynu6zrWUS5FFXzA2-l9T4eACJLIdmLBEIbrL6te1-w9rFnzOT14wd9cKgWlxS0\_4EivW85bsJsy8Q82YMUR3YWXCJsXjOxcfuBuepN9n4-N21g27-vL9xzKupHZFVOvtd-\_oCP02ISxjfV1VR1bBjTYfyygSX8Grq\_dJ9pUZOXTGBPFU88u-mPJ6qzLBturMSpmwlwXmrhFEoT5nspYBoyL-6tYI\_za9FVaPg6OjJxNFckJh5dv9\_Av\_NLzTiJClfi4IS2e0WWMK3XcymvnUl2Oip9a\_ukeIOG9JXHlqMa3g08o3ZSVITGBLvTqKm71fF0CMSyma-x99yeec331lg",

x-app-key: 5nej5keguopj928ekcj3dne8p

}

**API Response:**

{

"paymentID":"NR5WOK91646549179796",

"createTime":"2022-03-06T06:46:19:865 GMT+0000",

"updateTime":"2022-03-06T06:46:46:424 GMT+0000",

"trxID":"9C6106JJCP",

"transactionStatus":"Completed",

"amount":"9593.00 ",

"currency":"BDT",

"intent":"sale",

"merchantInvoiceNumber":"WHS39669286",

"refundAmount":"0",

"customerMsisdn":"01619777282"

}

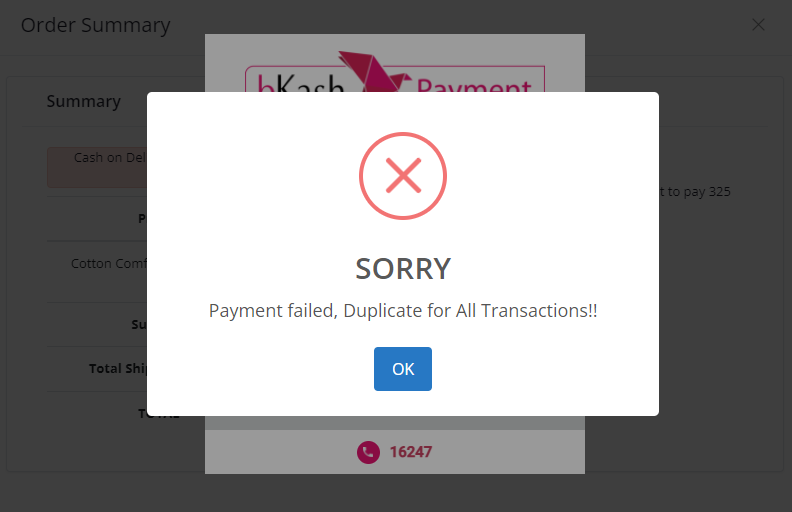
**Error Message Implementation**

**Case#1**

**Invoice number:** FLH39666641

**Time of Transaction:** 2022-03-06T07:04:25:550 GMT+0000

**Screenshot:**



**Case#2**

**Invoice number:** "FLH39667182"

**Time of Transaction:** 2022-03-06T07:07:04:938 GMT+0000

**Screenshot:**

