

API Technical Documentation:

External Billers

Services:

1. Query Bill Info
2. Pay Bill Notification
3. Already Paid Bill
4. Invalid Bill

Request/Response:

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1. QueryBillInfo:

//api urlkaad gili oo aan soo gaari karno URL:

https://domain.com/api/values/queryBillInfo Request:

```
{
  "requestId": "0637573673-836bdsgs7-stgsgs988",
  "schemaVersion": "1.0",
  "requestHeader": {
    "timestamp": "202002230231032",
    //api key usameeso nala wadaag
    "apikey": "ext_biller",
    "apiPassword": "390dc48b78be0f08e150c2e411b3421a"
  },
  "requestBody": {
    "invoiceId": "studentid"
  }
}
```

Response:

```
"headers": {
  "content-type": "application/json"
}
{
  "requestId": "0637573673-836bdsgs7-stgsgs988",
  "schemaVersion": "1.0",
```

```

"responseHeader": {
  "timestamp": "202002230231032",
  "resultCode": "0",
  "resultMessage": "SUCCESS"
},
"billInfo": [
  {
    "billId": "STUDENT ID",
    "billTo": "SUTDENT NAME",
    "billAmount": "8",
    "billCurrency": "USD",
    "billNumber": "STUDENT ID",
    "dueDate": "2020-03-29T15:56:20.447Z",
    "status": "PENDING",
    "partialPayAllowed": "1",
    "description": "NAME OF UNIVERSITY"
  }
]
}

```

2. PayBill Notification:

Request

URL: <https://domain.com/api/values/payBillNotification>

```

{
  "requestId": "0637573673-836bdsgs7-stgsgs97789",
  "schemaVersion": "1.0",
  "requestHeader": {
    "timestamp": "202002230231032",
    //api key usameeso nala wadaag
    "apikey": "ext_biller",
    "apiPassword": "390dc48b78be0f08e150c2e411b3421a"
  },
  "requestBody":
  {
    "billInfo": {
      "invoiceId": "STUDENT ID",
      "paidBy": "252634455678",

```

```

        "paidAt": "BANK",
        "paidDate": "2020-02-30T15:56:55"
    },
    "transacionInfo": {
        "tansactionId": "2784458",
        "amount": "8",
        "currency": "USD"
    }
}
}
}
Response:
{
    "requestId": "0637573673-836bdsgs7-stgsgs988",
    "schemaVersion": "1.0",
    "responseHeader": {
        "timestamp": "202002230231032",
        "resultCode": "0",
        "resultMessage": "SUCCESS"
    },
    "confirmationId": "STUDENTID+date"
}

```

3. Already Pail Bill response format when customer paid the bill **Response**

```

{
    "requestId": "3990c643-1c7c-49de-b593-34a4defa7e4b",
    "schemaVersion": "1.0",
    "responseHeader": {
        "timestamp": "20211005111308381291",
        "resultCode": "402",
        "resultMessage": "AlreadyPaidBill"
    },
    "billInfo": [
        {
            "billId": 3386841,
            "billTo": "Customer name",
            "billAmount": "0",
            "billCurrency": "USD",
            "billNumber": "STUDENT ID",
            "dueDate": "20211005111308406825",

```

```

        "status": "PAID",
        "partialPayAllowed": "1",
        "description": "Bill Description"
    }
]
}

```

4. Invalid Bill response format where bill ID doesn't exit

Response

```

{
    "requestId": "Not Found",
    "schemaVersion": "1.0",
    "responseHeader": {
        "timestamp": "20211005111244",
        "resultCode": "401",
        "resultMessage": "Not Found"
    },
    "billInfo": [
        {
            "billId": "Not Found",
            "billTo": "Not Found",
            "billAmount": 0,
            "billCurrency": "USD",
            "billNumber": 0,
            "dueDate": "20211005081034",
            "status": "UNknown",
            "partialPayAllowed": "1",
            "description": "Bill Doesn't exit"
        }
    ]
}

```

5. Payment transaction status checking

Request

URL: <https://domain.com/api/getTransactionStatus>

```
{
  "requestId": "b1bcb677-16af-44f0-9f2e-40d12041e4ca",
  "schemaVersion": "1.0",
  "requestHeader": {
    "timestamp": "20210623133607",
    "apikey": "apiusername",
    "apiPassword": "apipassword"
  },
  "requestBody": {
    "transacionInfo": {
      "tansactionId": "10742611322"
    }
  }
}
```

Response if transaction exists in your database

```
{
  "schemaVersion": "1.0",
  "responseHeader": {
    "timestamp": "20210623133607",
    "resultCode": "0",
    "resultMessage": "SUCCESS"
  },
  "confirmationId": "20210623133607-225152"
}
```

Response if transaction doesn't exist in your database

```
{
  "schemaVersion": "1.0",
  "responseHeader": {
    "timestamp": "20210623133607",
    "resultCode": 401,
    "resultMessage": "not found"
  }
}
```

NOTE

"apiPassword" in requestHeader is hashed using md5 hashing algorithm, please hash your password using formula:

md5(timestamp+password+partnercode)

timestamp = coming in the request password = is the one you have at ur system partnercode = is the one @billingserver, billers will be given to them for this purpose **Credentials**

Password: Waafi@21#\$