



Pay Link API Integration Guide

Module 1

API

Specifications

Pay Link APIs

Set of APIs for managing E-Invoices by creating new invoices, getting invoice details, list transactions, and more.

API Endpoints

- Live Environment: <https://api-01.gate-e.com>
- Test Environment: <https://test.api-01.gate-e.com>

API Recommendations

To ensure that the integration process follows the best practice scenario, the below details should be considered: -

- Using “https” for all APIs’ calls
- Using POST request method

API Modules

- Create code
- Get code
- Get transaction
- List transactions
- Notification
- Response status codes

API Settings

- To find your API User (**api_user**) and API Key (**api_key**) please contact us.
- **Postman** Collection:
<https://doc.gate-e.com/documents/Pay-Link-API-Postman-Collection.json>
- For support inquiries:
Email: support@gate-e.com
TEL: +973 13333803

Module 2

Create Code

APIs END-POINT

Test environment: <https://test.api-01.gate-e.com/>

Live environment: <https://api-01.gate-e.com/>

| Create Code

Effortlessly initiate E-Invoice with the "Initiate E-Invoice" API, ensuring streamlined and accurate E-Invoices processes.

| Create Code – API Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Version	api_version	Integer	Required	Used API version Default value: 01
API Resource	api_resource	String	Required	Value: code
API Action	api_action	String	Required	Value: create Max length: 8

| Create Code – Entity Parameters

Name	Parameter	Type	Required	Description
Entity Code	entity_code	String	Optional	Max length: 256 API User & Key must be owner when passed

| Create Code – Code Parameters

Name	Parameter	Type	Required	Description
Type	code_type	String	Required	Accepted values: <ul style="list-style-type: none">• invoice• quotation

Amount	code_amount	double	Required	Max length: 16
Branch ID	code_branch_id	Integer	Optional	Max length: 32
Default amount	code_amount_default	Double	Optional	Max length: 16 Default value: code_amount Example: 12.255
Minimum amount	code_amount_minimum	Double	Optional	Max length: 16 Default value: code_amount Example: 14.325
Subtotal amount	code_amount_subtotal	Double	Optional	Max length: 16 Default value: code_amount Example: 8.150
VAT rate	code_vat_rate	Double	Optional	VAT rate Example: 0.15
VAT fixed	code_vat_fixed	Double	Optional	VAT fixed amount Example: 1.500
Currency	code_currency	String	Optional	Default value: BHD Max length: 3
Created date	code_created	Date time	Optional	Example: 2024-12-21 21:31:24 Default value: current date and time
Due date	code_due	Date Time	Optional	Code due date Example: 2024-12-30 22:55:30
Expiry date	code_expiry	Date Time	Optional	Code expiry date Example: 2024-12-30 22:55:30
Code	code_code	String	Optional	Invoice / quotation code Default value: auto generate Example: INV0001
Note	code_note	String	Optional	Notes for code

| Create Code – Client Parameters

Name	Parameter	Type	Required	Description
Client code	client_code	String	Optional	Unique code for client
Client first name	client_name_first	String	Optional	Max length: 64 Example: Ahmed
Client second name	client_name_second	String	Optional	Max length: 64 Example: Ali

Client third name	client_name_third	String	Optional	Max length: 64 Example: Khalid
Client last name	client_name_last	String	Optional	Max length: 64 Example: Husain
Client mobile	client_mobile	Integer	Optional	Max length: 16
Mobile code	client_mobile_code	Integer	Optional	Max length: 3 Default value: 973 Example: 973
Client email	client_email	String	Optional	Max length: 64
Client entity name	client_entity_name	String	Optional	Max length: 256
Client billing country	client_billing_country	String	Optional	The code of client's country Max length: 2 Default value: BH
Client billing city	client_billing_city	String	Optional	Max length: 16
Client billing address	client_billing_address	String	Optional	Max length: 256
Tax Identification number	client_tin	String	Optional	Example: 10000000001234567

| Create Code – Settings Parameters

Name	Parameter	Type	Required	Description
Callback URL	settings_callback_url	String	Optional	<p>POST request will be sent to the callback URL after a successful/unsuccessful transaction with the following JSON data:</p> <ul style="list-style-type: none"> - callback_key (from API settings) - status (0: unsuccess, 1: success) - status_code - message - data <ul style="list-style-type: none"> - code - transaction <p>Refer to the sample payment callback for</p>

				<p>more details.</p> <p>The callback URL should return the same code_id in JSON and HTTP response code 200.</p> <p>Example: https://www.example.com/callback</p>
Redirect URL	settings_redirect_url	String	Optional	<p>The user will be redirected to the redirect URL after a successful/unsuccessful transaction.</p> <p>Default value: The invoice URL</p> <p>Example: https://www.example.com/callback</p>

| Create Code – Notification Parameters

Name	Parameter	Type	Required	Description
Send Email	notification_email_send	Integer	Optional	<p>Send the code link through email to client/merchant or both.</p> <p>Accepted values:</p> <ul style="list-style-type: none"> - 0: do not send - 1: send to client only - 2: send to merchant only - 3: send to both (merchant & client)
Send SMS	notification_sms_send	Integer	Optional	<p>Send the code link through SMS to client/merchant or both.</p> <p>Accepted values:</p> <ul style="list-style-type: none"> - 0: do not send - 1: send to client only - 2: send to merchant only - 3: send to both (merchant & client)

| Create Code – Gateway Parameters

Name	Parameter	Type	Required	Description
Gateway ID	gateway_id	Integer	Optional	<p>The gateway ID for payment.</p> <p>Default Value: The ID of the default gateway</p>

| Create Code - Sample Request

Accepted Methods:	GET / POST (POST recommended)
Request Parameters:	
api_user	: "USER001"
api_key	: "n079353R1Q1r3O7U1Y164h424t4y1d9h65601a10"
api_resource	: "code"
api_action	: "create"
code_type	: "invoice"
code_amount	: "10.000"
code_currency	: "BHD"
code_code	: "INV0001"
code_created	: "2023-09-14 01:24:30"
client_name_first	: "Ahmed"
client_name_last	: "Ali"
clinet_mobile_code	: "973"
client_mobile	: "33334233"
settings_callback_url	: "https://www.example.com/callback"
settings_redirect_url	: "https://www.example.com/redirect"
notification_email_send	: 1

| Create Code - Sample Response

API Response
<pre>{ "status" : 1 "status_code" : "GATEE_100" "data" : { "code": { "id" : "109827628832", "url" : "6g0N9d967t684z9e641Y", "link" : "https://c.gate-e.com/6g0N9d967t684z9e641Y" } } }</pre>

| Sample Payment Callback

Payment Callback

```
{
  "callback_key"      : "8WAaw5RJl4ARxsZj2t9ilrvLiSJebSVP"
  "status"           : 1
  "status_code"      : "GATEE_100"
  "message"          : "Successful transaction"
  "data"             : {
    "code": {
      "id"           : "69877611456132",
    },
    "transaction": {
      "id"           : "41255224782145",
      "code"         : "654134",
      "status"       : "paid"
      "note"         : ""
      "amount"       : "11.500"
      "currency"     : "BHD"
      "auth_code"    : "245784",
      "date_added"   : "2023-09-10 18:05:12",
      "code_id"      : "15141635454131",
      "code_code"    : "INV0001",
      "card"         : {
        "digits_first" : "341361",
        "digits_last"  : "3461",
        "type"         : "CREDIT",
        "brand"        : "VISA"
      },
      "client"       : {
        "name_first"   : "Mohamed",
        "name_last"    : "Ahmed",
        "email"        : "mohamed@example.com",
        "mobile"       : "33334434",
        "country"      : "BH",
        "identity_number" : "12354786444"
      }
    }
  }
}
```

Module 3

Get Code

APIs END-POINT

Test environment: <https://test.api-01.gate-e.com/>

Live environment: <https://api-01.gate-e.com/>

| Get Code

This API can be used to retrieve code details.

| Get Code Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Resource	api_resource	String	Required	Value: code
API Action	api_action	String	Required	Value: get Max length: 8
Code ID	code_id	Integer	Required	The code ID

| Get Code - Sample Request

Accepted Methods:	GET / POST (POST recommended)
Request Parameters:	
api_user	: "USER001"
api_key	: "n079353R1Q1r3O7U1Y164h424t4y1d9h65601a10"
api_resource	: "code"
api_action	: "get"
code_id	: 109827628832

Get Code - Sample Response

API Response

```
{
  "status"      : 1,
  "status_code" : "GATEE_100",
  "message"     : "",
  "data"        : {
    "code": {
      "status"      : "paid",
      "id"          : "109827628832",
      "code"        : "INV0001",
      "url"         : "1r9a25752h914h4a6i1a",
      "type"        : "invoice",
      "currency"    : "BHD",
      "amount"      : "10.000",
      "amount_paid" : "10.000",
      "amount_remaining" : "0.000",
      "amount_minimum" : "10.000",
      "amount_default" : "10.000",
      "vat_rate"    : "0.15",
      "amount_vat"  : "1.500",
      "created"     : "2023-09-10 19:30:00",
      "expiry"      : "2023-09-20 12:30:00",
      "date_payment" : "2023-09-10 21:00:23",
      "note"        : "Testing",
      "description" : "Testing",
      "client"      : {
        "code"      : "47521568545",
        "email"     : "ahmed@gmail.com",
        "mobile_code" : "973",
        "mobile"    : "33334434",
        "identity_number" : "12354786444",
        "billing"   : {
          "country" : "BH",
          "city"    : "manama",
          "billing" : "123"
        }
      },
      "user"      : {
        "code"      : "74596321455"
      },
      "settings"  : {
        "callback_url" : "https://example.com/callback",
        "redirect_url" : "https://example.com/redirect"
      }
    },
    "code_details": [
      {
        "id"          : "10116949276996321",
        "code"        : "5164641",
        "amount"      : "10.000",
        "amount_unit" : "10.000",
        "amount_total" : "10.000",
        "quantity"    : "1",
        "name_ar"     : "",
        "name_en"     : "",
        "note"        : "Testing",
        "vat_rate"    : "0",
        "amount_vat"  : "0"
      }
    ]
  }
}
```

Module 4

Get Transaction

APIs END-POINT

Test environment: <https://test.api-01.gate-e.com/>

Live environment: <https://api-01.gate-e.com/>

Get Transaction

This API can be used to retrieve transaction details.

Get Transaction Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Resource	api_resource	String	Required	Value: transaction
API Action	api_action	String	Required	Value: get Max length: 8
Transaction ID	transaction_id	Integer	Required	The transaction ID to get its details

Get Transaction - Sample Request

Accepted Methods:	GET / POST (POST recommended)
Request Parameters:	
api_user	: "USER001"
api_key	: "n079353R1Q1r3O7U1Y164h424t4y1d9h65601a10"
api_resource	: "transaction"
api_action	: "get"
transaction_id	: 41255224145

Get Transaction - Sample Response

API Response

```
{
  "status"      : 1
  "status_code" : "GATEE_100"
  "data"       : {
    "transaction": {
      "id"      : "41255224145",
      "code"    : "654134",
      "status"  : "paid"
      "note"    : ""
      "amount"  : "11.500"
      "currency": "BHD"
      "auth_code": "245784",
      "code_id"  : "15141635454131",
      "code_code": "INV0001",
      "card"    : {
        "digits_first" : "341361",
        "digits_last"  : "3461",
        "type"         : "CREDIT",
        "brand"        : "VISA"
      }
    }
  }
}
```

Module 5

List Transactions

APIs END-POINT

Test environment: <https://test.api-01.gate-e.com/>

Live environment: <https://api-01.gate-e.com/>

List Transactions

This API will list all transactions related to the given code ID.

List Transactions Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Resource	api_resource	String	Required	Value: transaction
API Action	api_action	String	Required	Value: list Max length: 8
Code ID	code_id	Integer	Required	The code ID

List Transactions - Sample Request

Accepted Methods:	GET / POST (POST recommended)
Request Parameters:	<pre>api_user : "USER001" api_key : "n079353R1Q1r307U1Y164h424t4y1d9h65601a10" api_resource : "transaction" api_action : "list" code_id : 4633489731345</pre>

List Transactions - Sample Response

API Response

```
{
  "status"      : 1
  "status_code" : "GATEE_100"
  "message"     : ""
  "data"       : {
    "transactions": [
      {
        "id"           : "10116947117602431",
        "code"         : "7827515",
        "status"       : "unpaid",
        "note"         : "Testing",
        "amount"       : "0.001",
        "currency"     : "BHD",
        "auth_code"    : "346874",
        "code_id"      : "10116947165282094",
        "code_code"    : "2449840580706960",
        "card"         : {
          "digits_first" : "341361",
          "digits_last"  : "247",
          "type"          : "DEBIT",
          "brand"         : "MASTERCARD"
        }
      },
      {
        "id"           : "101169471656202184",
        "code"         : "7827515",
        "status"       : "paid",
        "note"         : "Testing",
        "amount"       : "0.001",
        "currency"     : "BHD",
        "auth_code"    : "334872",
        "code_id"      : "10116947165282094",
        "code_code"    : "2449840580706960",
        "card"         : {
          "digits_first" : "364912",
          "digits_last"  : "145",
          "type"          : "CREDIT",
          "brand"         : "VISA"
        }
      }
    ]
  }
}
```

Module 6

Notification

APIs END-POINT

Test environment: <https://test.api-01.gate-e.com/>

Live environment: <https://api-01.gate-e.com/>

Notification

This API can be used to send notifications to the client / merchant through email or SMS.

Notification Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Resource	api_resource	String	Required	Value: notification
API Action	api_action	String	Required	Value: notification
Notification Type	notification_type	String	Required	Accepted values: - email - sms
Notification Function	notification_function	String	Required	Accepted values: - code_link : will send the code link
Code ID	code_id	Integer	Required	The code ID

Notification - Sample Request

Accepted Methods:	GET / POST (POST recommended)
Request Parameters:	<pre>api_user : "USER001" api_key : "n079353R1Q1r3O7U1Y164h424t4y1d9h65601a10" api_resource : "notification" api_action : "notification" notification_type : "email" notification_function : "code_link" code_id : 4633489731345</pre>

| Notification - Sample Response

API Response	
<pre>{ "status" : 1 "status_code" : "GATEE_100" "message" : "Inserted to Email queue" }</pre>	

Module 7

Entity

APIs END-POINT

Test environment: <https://test.api-01.gate-e.com/>

Live environment: <https://api-01.gate-e.com/>

| Create Entity

This API can be used to create a new entity which will be under the owner of the API.

Note: This API requires special permissions to use it.

| Create Entity – API Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Resource	api_resource	String	Required	Value: entity
API Action	api_action	String	Required	Value: create

| Create Entity – Entity Parameters

Name	Parameter	Type	Required	Description
Entity Name (En)	entity_name_en	String	Required	Max length: 128
Entity Name (Ar)	entity_name_ar	String	Required	Max length: 128 Default value: entity_name_en
Entity Code	entity_code	String	Required	Unique code to represent the entity. Max length: 256
Entity Email	entity_email	String	Required	Max length: 64
Entity Mobile	entity_mobile	Integer	Required	Max length: 64
Entity Mobile Code	entity_mobile_code	Integer	Optional	Max length: 3 Default value: 973
Entity Currency	entity_currency	String	Optional	Default value: BHD Max length: 3
Entity Language	entity_language	String	Optional	Default value: en Max length: 2 Accepted values: - en - ar

| Create Entity – Settings Parameters

Name	Parameter	Type	Required	Description
Create Branch	settings_create_branch	Integer	Optional	Default value: 1 Accepted values: - 0 : will not create a branch - 1 : will create main branch
Create Gateway	settings_create_gateway	Integer	Optional	Default value: 0 Accepted values: - 0 : will not create the gateway - 1 : will create the gateway
Create Gate- e Account	settings_create_gateee_account	Integer	Optional	Default value: 0 Accepted values: - 0 : will not create the gateway - 1 : will create the gateway
Activate Payment Gateway	settings_activate_payment_gateway	Integer	Optional	Default value: 0 Accepted values: - 0 : will not create the gateway - 1 : will create the gateway

| Create Entity – User Parameters

Name	Parameter	Type	Required	Description
User Email	user_email	String	Required	Max length: 64
User first name	user_name_first	String	Required	Max length: 64 Example: Ahmed
User second name	user_name_second	String	Optional	Max length: 64 Example: Ali

| Create Entity – Gateway Parameters (When not creating new Gate-e Account)

When Merchant already has a Gate-E Account.

Name	Parameter	Type	Required	Description
Merchant ID	gateway_merchant_id	String	Optional	API Unique ID from Gate-E
Hash	gateway_hash	String	Optional	API Hash from Gate-E
Environment	gateway_environment	String	Optional	Default value: The API environment Accepted values: - test - live

| Create Entity – Gateway Parameters

When activating a gateway & creating new Gate-E Account

Name	Parameter	Type	Required	Description
Provider	gateway_provider	String	Optional	Gateway provider (AFS, Credimax)
Gateway	gateway_gateway	String	Optional	Gateway type Accepted values: - mpgs - benefit - benefitpay - applepay - samsungpay - aci
Mode	gateway_mode	String	Optional	Default value: The API environment Accepted values: - test - live
Gateway Fixed Fees	gateway_gateway_fixed_fees	Double	Optional	Provider Fixed Fees
Gateway Rate Fees	gateway_gateway_rate_fees	Double	Optional	Provider Fees Rate
Gate-E Fixed Fees	gateway_gatee_fixed_fees	Double	Optional	Gate-E Fixed Fees
Gate-E Rate Fees	gateway_gatee_rate_fees	Double	Optional	Gate-E Fees Rate
Gate-E Gateway Fixed Fees	gateway_gatee_gateway_fixed_fees	Double	Optional	Gate-E Gateway Fixed Fees

Gate-E Gateway Rate Fees	gateway_gatee_gateway_rate_fees	Double	Optional	Gate-E Gateway Fees Rate
Gateway Name (En)	gateway_name_en	String	Optional	Max length: 64
Gateway Name (Ar)	gateway_name_ar	String	Optional	Max length: 64
Gateway Currency	gateway_currency	String	Optional	Default value: BHD Max length: 3
Gateway Settings	gateway_settings	Json	Optional	Refer to tables below

| Create Entity – Gateway Settings Parameters (MPGS, Apple & Samsung Pay)

Name	Parameter	Type	Required	Description
Merchant Id	gateway_settings_merchant_id	String	Optional	Merchant id from Provider Ex: 10020000 / E0900000
API Password	gateway_settings_password	String	Optional	MPGS API Setting Generated Password

| Create Entity – Gateway Settings Parameters (BenefitPay)

Name	Parameter	Type	Required	Description
Merchant Id	gateway_settings_merchant_id	String	Optional	Benefit Merchant id Ex: 100200000
App Id	gateway_settings_app_id	String	Optional	BenefitPay App Id
Secret Key	gateway_settings_secret_key	String	Optional	BenefitPay Secret Key

Create Entity – Gateway Settings Parameters (Benefit)

Name	Parameter	Type	Required	Description
Merchant Alias	gateway_settings_merchant_alias	String	Optional	Benefit Merchant Alias Ex: prod01234567
Resource Key	gateway_settings_resourceKey	String	Optional	Benefit Terminal Resource Key
Keystore Id	gateway_settings_keystore_id	String	Optional	Tranportal Id
Keystore Code	gateway_settings_keystore_ccde	String	Optional	Tranportal Password

Create Entity – Gateway Settings Parameters (ACI)

Name	Parameter	Type	Required	Description
Entity Id	gateway_settings_entity_id	String	Optional	ACI Entity Id
Access Key	gateway_settings_access_key	String	Optional	ACI Access Key

Create Entity – Sample Request

Accepted Methods: GET / POST (POST recommended)

Request Parameters:

```
api_user      : "USER001"
api_key       : "n079353R1Q1r3O7U1Y164h424t4y1d9h65601a10"
api_resource  : "entity"
api_action    : "create"
entity_code   : "GATEE_ENTITY_000001"
entity_name_en : "Test Entity"
entity_name_ar : "جهة تجريبية"
entity_email  : "entity@example.com"
entity_mobile_code : "973"
entity_mobile : "33334233"
entity_currency : "BHD"
entity_language : "en"
user_email    : "user@example.com"
user_name_first : "Ahmed"
```

Create Entity – Sample Response

API Response

```
{
  "status"      : 1
  "status_code" : "GATEE_100"
  "message"     : "Entity created successfully"
  "data"        : {
    "entity": {
      "id": "637952146678231",
      "code": "GATEE_ENTITY_000001"
    },
    "branch": {
      "id": "331746227887462",
      "name_en": "Main Branch",
      "name_ar": "الفرع الرئيسي",
      "email": "entity@example.com"
    },
    "user": {
      "email": "user@example.com",
      "password": "&B6QHDkN$3&x", // auto-generated
      "msg": "Please change your password!",
    }
  }
}
```

| Get Entity

This API is to get the entity details.

| Get Entity – Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Resource	api_resource	String	Required	Value: entity
API Action	api_action	String	Required	Value: get
Entity Code	entity_code	String	Optional	Using this parameter is restricted by special permissions.

| Get Entity – Sample Request

Accepted Methods:	GET / POST (POST recommended)
Request Parameters:	<pre>api_user : "USER001" api_key : "n079353R1Q1r3O7U1Y164h424t4y1d9h65601a10" api_resource : "entity" api_action : "get" entity_code : "GATEE_ENTITY_000001"</pre>

Get Entity – Sample Response

API Response

```
{
  "status"          : 1
  "status_code"    : "GATEE_100"
  "message"        : ""
  "data"           : {
    "entity": {
      "id"          : "637952146678231",
      "code"        : "GATEE_ENTITY_000001"
      "label"       : "Test Entity",
      "name_en"     : "Test Entity",
      "name_ar"     : "جهة تجريبية",
      "currency"    : "BHD",
      "language"    : "en",
      "website"     : "testentity.com",
      "policy": {
        "return"    : "",
        "refund"    : "",
        "delivery"  : ""
      },
      "tnc"         : "",
      "url"         : "",
      "email"       : "entity@example.com",
      "mobile_code" : "973",
      "mobile"      : "33334233",
      "phone_code"  : "973",
      "phone"       : "33334233",
      "logo": {
        "default"   : "https://cdn.gate-e.com/img/459e3gv52po11.png",
        "icon"      : "",
        "dark"      : "",
        "light"     : ""
      }
    }
  },
}
```


List Entities

This API is to list all entities details.

List Entity – Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Resource	api_resource	String	Required	Value: entity
API Action	api_action	String	Required	Value: list
Pagination Limit	pagination_limit	Integer	Optional	Default value: 10 Accepted values: - 5, 10, 15, 20, 25
Pagination Page	pagination_page	Integer	Optional	Default value: 0

List Entity – Sample Request

Accepted Methods:	GET / POST (POST recommended)
Request Parameters:	<pre>api_user : "USER001" api_key : "n079353R1Q1r307U1Y164h424t4y1d9h65601a10" api_resource : "entity" api_action : "list" pagination_limit : 15 pagination_page : 2</pre>

List Entity – Sample Response

API Response

```
{
  "status"           : 1
  "status_code"     : "GATEE_100"
  "message"         : ""
  "data"            : {
    "count": 10, // numbers of returned entities
    "entities": [
      {.. first entity information ..},
      {
        "id"           : "637952146678231",
        "code"         : "GATEE_ENTITY_000001"
        "label"        : "Test Entity",
        "name_en"       : "Test Entity",
        "name_ar"       : "جهة تجريبية",
        "currency"      : "BHD",
        "language"     : "en",
        "website"       : "testentity.com",
        "policy": {
          "return"     : "",
          "refund"     : "",
          "delivery"   : ""
        },
        "tnc"          : "",
        "url"           : "",
        "email"         : "entity@example.com",
        "mobile_code"  : "973",
        "mobile"        : "33334233",
        "phone_code"   : "973",
        "phone"         : "33334233",
        "logo": {
          "default"    : "https://cdn.gate-e.com/img/459e3gv52po11.png",
          "icon"       : "",
          "dark"       : "",
          "light"      : ""
        }
      },
      {.. third entity information ..},
    ]
  },
}
```

| Update Entity

This API is to update entity information using entity code.

| Update Entity – Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Resource	api_resource	String	Required	Value: entity
API Action	api_action	String	Required	Value: update
Entity Code	entity_code	String	Required	Unique code to represent the entity. - Max length: 256
Entity Name (En)	entity_name_en	String	Optional	Max length: 128
Entity Name (Ar)	entity_name_ar	String	Optional	Max length: 128 Default value: entity_name_en
Entity Language	entity_language	String	Optional	Default value: en Max length: 2 Accepted values: - en - ar
Entity Website	entity_website	String	Optional	Max length: 255
Entity URL	entity_url	String	Optional	Max length: 255
Entity Email	entity_email	String	Optional	Max length: 64
Entity Mobile	entity_mobile	Integer	Optional	Max length: 64
Entity Mobile Code	entity_mobile_code	Integer	Optional	Max length: 3 Default value: 973 Example: 973
Entity Active	entity_active	Integer	Optional	Max length: 1 Accepted values: - 0, 1

| Update Entity – Sample Request

Accepted Methods:	GET / POST (POST recommended)
Request Parameters:	
api_user	: "USER001"
api_key	: "n079353R1Q1r3O7U1Y164h424t4y1d9h65601a10"
api_resource	: "entity"
api_action	: "update"
entity_website	: "www.example.com"
entity_email	: "example@email.com"
entity_active	: 1

| Update Entity – Sample Response

API Response
<pre>{ "status" : 1 "status_code" : "GATEE_100" "message" : "Updated successfully" "data" : [], }</pre>

Module 8

Branch

APIs END-POINT

Test environment: <https://test.api-01.gate-e.com/>

Live environment: <https://api-01.gate-e.com/>

| Create Branch

This API can be used to create a new branch which will be under the entity of the API.

| Create Branch – API Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Resource	api_resource	String	Required	Value: branch
API Action	api_action	String	Required	Value: create

| Create Branch – Branch Parameters

Name	Parameter	Type	Required	Description
Name (En)	branch_name_en	String	Required	Max length: 128
Name (Ar)	branch_name_ar	String	Required	Max length: 128 Default value: branch_name_en
Email	branch_email	String	Required	Max length: 64
Mobile	branch_mobile	Integer	Required	Max length: 64
Mobile Code	branch_mobile_code	Integer	Optional	Max length: 3 Default value: 973 Example: 973
Currency	branch_currency	String	Optional	Default value: BHD Max length: 3

Language	branch_language	String	Optional	Default value: en Max length: 2 Accepted values: - en - ar
----------	-----------------	--------	----------	--

| Create Branch – Sample Request

Accepted Methods:	GET / POST (POST recommended)
Request Parameters:	<pre> api_user : "USER001" api_key : "n079353R1Q1r3O7U1Y164h424t4y1d9h65601a10" api_resource : "branch" api_action : "create" branch_name_en : "First Branch" branch_name_ar : "الفرع الأول" branch_email : "branch1@example.com" branch_mobile_code : "973" branch_mobile : "33334233" branch_currency : "BHD" branch_language : "en" </pre>

| Create Branch – Sample Response

API Response
<pre> { "status" : 1 "status_code" : "GATEE_100" "message" : "Branch created successfully" "data" : { "branch": { "id": "631546237817464" } } } </pre>

Get Branch

This API is to get the branch details.

Get Branch – Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Resource	api_resource	String	Required	Value: branch
API Action	api_action	String	Required	Value: get
Branch ID	branch_id	String	Required	The ID of the branch to get its details.

Get Branch – Sample Request

Accepted Methods:	GET / POST (POST recommended)
Request Parameters:	<pre>api_user : "USER001" api_key : "n079353R1Q1r307U1Y164h424t4y1d9h65601a10" api_resource : "branch" api_action : "get" branch_id : "631546237817464"</pre>

Get Branch – Sample Response

API Response

```
{
  "status"          : 1
  "status_code"     : "GATEE_100"
  "message"         : ""
  "data"            : {
    "branch": {
      "id"          : "637952146678231",
      "entity": {
        "id"        : "637952146678231"
      },
      "code"        : "",
      "label"       : "First Branch",
      "name_en"     : "First Branch",
      "name_ar"     : "الفرع الأول",
      "currency"    : "BHD",
      "language"    : "en",
      "website"     : "testentity.com",
      "policy": {
        "return"    : "",
        "refund"    : "",
        "delivery"  : ""
      },
      "tnc"         : "",
      "url"         : "",
      "email"       : "branch1@example.com",
      "mobile_code" : "973",
      "mobile"      : "33334233",
      "phone_code"  : "973",
      "phone"       : "33334233",
      "logo": {
        "default"   : "https://cdn.gate-e.com/img/459e3gv52po11.png",
        "icon"      : "",
        "dark"      : "",
        "light"     : ""
      }
    }
  }
}
```

Module 9

Gateway

APIs END-POINT

Test environment: <https://test.api-01.gate-e.com/>

Live environment: <https://api-01.gate-e.com/>

| Create Gateway

This API can be used to activate an online payment gateway.

Note: This API requires special permissions to use it.

| Create Gateway – API Parameters

Name	Parameter	Type	Required	Description
API User	api_user	String	Required	API Authorization
API Key	api_key	String	Required	API Authorization
API Resource	api_resource	String	Required	Value: gateway
API Action	api_action	String	Required	Value: create

| Create Gateway – Entity Parameters

Name	Parameter	Type	Required	Description
Entity Code	entity_code	String	Required	Unique code that represents the entity.

| Create Gateway – Gateway Parameters

Name	Parameter	Type	Required	Description
Provider	gateway_provider	String	Required	Gateway provider (AFS, Credimax)
Gateway	gateway_gateway	String	Required	Gateway type Accepted values: <ul style="list-style-type: none"> - mpgs - benefit - benefitpay - applepay - samsungpay - aci
Mode	gateway_mode	String	Optional	Default value: The API environment Accepted values: <ul style="list-style-type: none"> - test - live
Gateway Fixed Fees	gateway_gateway_fixed_fees	Double	Optional	Provider Fixed Fees
Gateway Rate Fees	gateway_gateway_rate_fees	Double	Optional	Provider Fees Rate
Gate-E Fixed Fees	gateway_gatee_fixed_fees	Double	Optional	Gate-E Fixed Fees
Gate-E Rate Fees	gateway_gatee_rate_fees	Double	Optional	Gate-E Fees Rate
Gate-E Gateway Fixed Fees	gateway_gatee_gateway_fixed_fees	Double	Optional	Gate-E Gateway Fixed Fees
Gate-E Gateway Rate Fees	gateway_gatee_gateway_rate_fees	Double	Optional	Gate-E Gateway Fees Rate
Gateway Name (En)	gateway_name_en	String	Optional	Max length: 64
Gateway Name (Ar)	gateway_name_ar	String	Optional	Max length: 64
Gateway Currency	gateway_currency	String	Optional	Default value: BHD Max length: 3
Gateway Settings	gateway_settings	Json	Required	Refer to tables below

| Create Gateway – Gateway Settings Parameters (MPGS, Apple & Samsung Pay)

Name	Parameter	Type	Required	Description
Merchant Id	gateway_settings_merchant_id	String	Optional	Merchant id from Provider Ex: 10020000 / E0900000
API Password	gateway_settings_password	String	Optional	MPGS API Setting Generated Password

| Create Gateway – Gateway Settings Parameters (BenefitPay)

Name	Parameter	Type	Required	Description
Merchant Id	gateway_settings_merchant_id	String	Optional	Benefit Merchant id Ex: 100200000
App Id	gateway_settings_app_id	String	Optional	BenefitPay App Id
Secret Key	gateway_settings_secret_key	String	Optional	BenefitPay Secret Key

| Create Gateway – Gateway Settings Parameters (Benefit)

Name	Parameter	Type	Required	Description
Merchant Alias	gateway_settings_merchant_alias	String	Optional	Benefit Merchant Alias Ex: prod01234567
Resource Key	gateway_settings_resourceKey	String	Optional	Benefit Terminal Resource Key
Keystore Id	gateway_settings_keystore_id	String	Optional	Tranportal Id
Keystore Code	gateway_settings_keystore_ccde	String	Optional	Tranportal Password

| Create Gateway – Gateway Settings Parameters (ACI)

Name	Parameter	Type	Required	Description
Entity Id	gateway_settings_entity_id	String	Optional	ACI Entity Id
Access Key	gateway_settings_access_key	String	Optional	ACI Access Key

| Create Gateway - Sample Request

Accepted Methods:	GET / POST (POST recommended)
Request Parameters:	
api_user	: "USER001"
api_key	: "n079353R1Q1r3O7U1Y164h424t4y1d9h65601a10"
api_resource	: "gateway"
api_action	: "create"
entity_code	: "ENTITY_G077"
gateway_provider	: "AFS"
gateway_gateway	: "benefit"
gateway_mode	: "live"
gateway_gateway_fixed_fees	: "0.1"
gateway_gateway_rate_fees	: "2"
gateway_name_en	: "Bahraini Debit Card"
gateway_name_ar	: "البطاقات البنكية البحرينية"
gateway_currency	: "BHD"
gateway_settings_merchant_alias	: "prod0124567"
gateway_settings_resourceKey	: "012345678901234567890123456789"
gateway_settings_keystore_id	: "09876543"
gateway_settings_resourceKey	: "09876543"

| Create Gateway – Sample Response

API Response
<pre>{ "status" : 1 "status_code" : "GATEE_100" "message" : "Payment Gateway activated." "data" : { "gateway_id": "123456" } }</pre>

Module 10

Response

Status & Status Codes

| Response – Status

The status in API response indicates whether the call was successful or not.

Status	Description
0	Unsuccessful response - The reason of failure is identified by status code and message.
1	Successful response - The API request has been processed and returned the data successfully.

| Response – Status Codes

Code	Description
GATEE_100	Success response - Example: The code created successfully
GATEE_400	Invalid API settings (api_user / api_key)
GATEE_201	Missing required parameters
GATEE_202	Invalid value type - Example: send string value in integer parameter
GATEE_203	Unaccepted value - Example: send 'inv' in code_type parameter
GATEE_204	Invalid value format - Example: send 'BH' in code_currency parameter
GATEE_205	The value length exceeds the maximum accepted length
GATEE_5XX	Permission not granted for the operation