

How to Get Started with VIA™ Open Platform Mobile Payment Solutions

A Comprehensive Guide

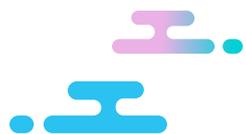


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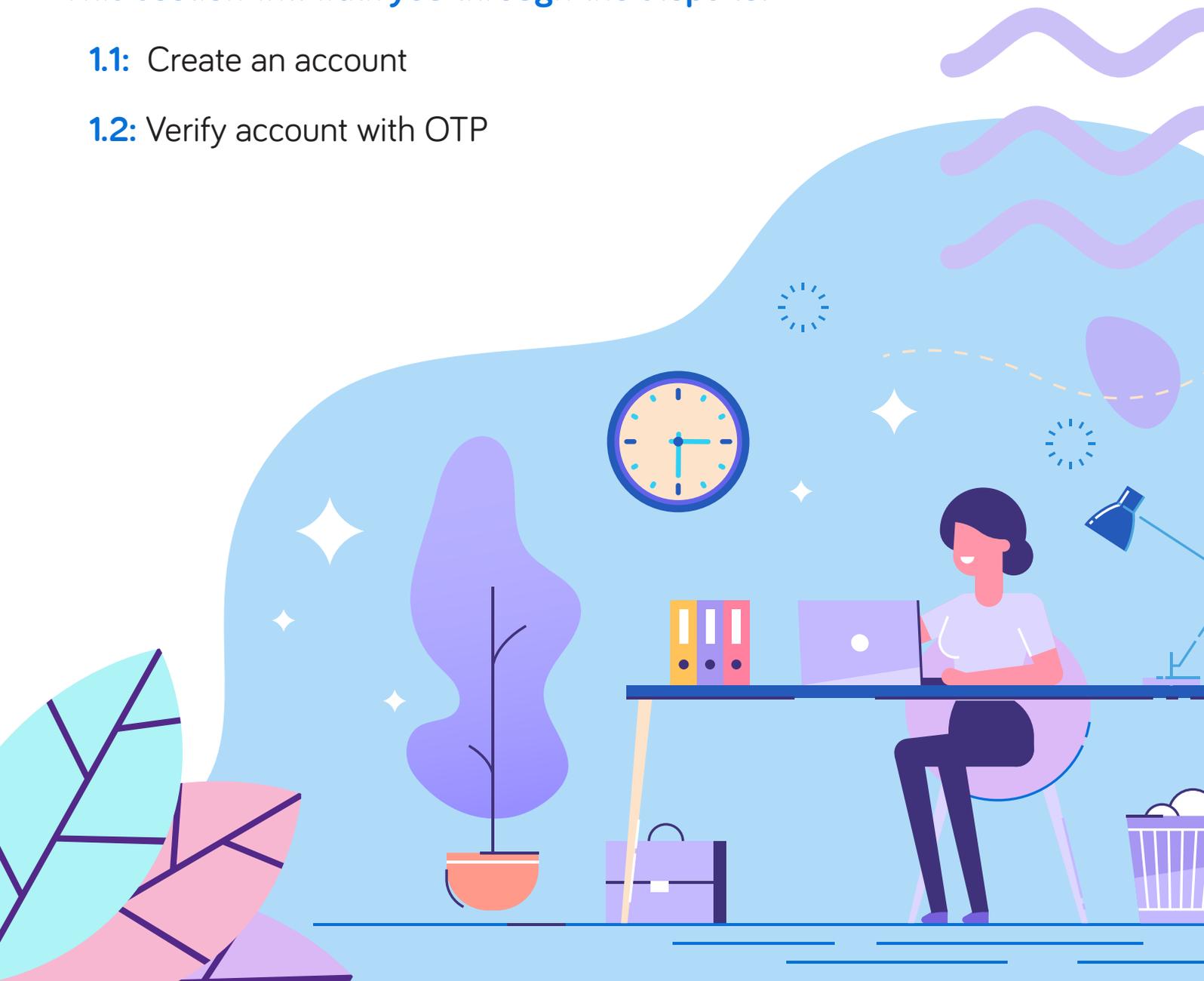
1.0

SIGN UP

Welcome! Your first step with VIA™ Open Platform begins when you sign up for an account on the website.

This section will walk you through the steps to:

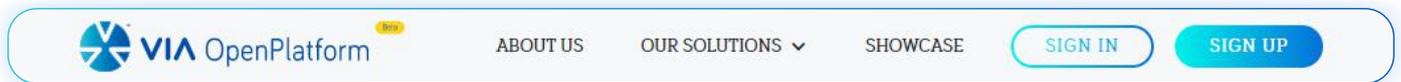
- 1.1:** Create an account
- 1.2:** Verify account with OTP



1.1

CREATE AN ACCOUNT

1. Visit viaopenplatform.com
2. Click on **Sign Up** at the top right corner of the page



3. You will be brought to the sign-up page

A screenshot of the 'Sign Up' page. It features the VIA OpenPlatform logo at the top. Below it is the title 'Sign Up'. There are three input fields: 'Email', 'Password', and 'Confirm Password'. Below the fields is a line of text: 'By signing up, you agree to our Terms of Use and our Privacy Policy'. At the bottom is a large blue 'Sign Up' button and a link that says 'Already have an account? Sign In'.

Alert

Ensure that you are registering with the business representative's email address. Once set, this will be the recipient address for any correspondences and notifications pertaining to:

- 'Go Live' applications
- Commercial terms and agreements

4. Enter the email address you would like associated with your account
5. Nominate a password



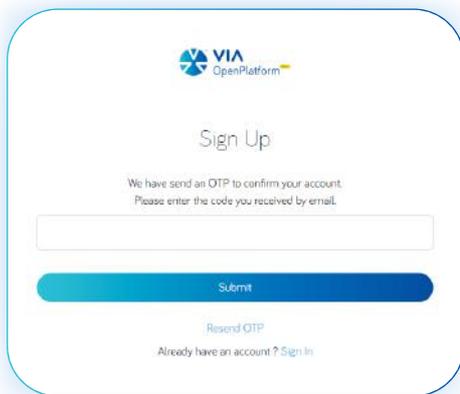
Important: your password must have a minimum of 8 characters, including at least one digit, lower case, upper case, and a symbol

6. Read our Terms of Use and Privacy Policy
7. Click on **Sign Up**

1.2

VERIFY ACCOUNT WITH OTP (one-time password)

1. The website will show you the following screen:



2. Check the email that was used for account registration and look for the verification email with the subject title **Welcome To Open Platform!** from noreply@viaopenplatform.com
3. Enter your OTP into the blank field
4. Click on **Submit**

Note: if you are unable to find the email, you may try the following steps:

- Wait 10 minutes, sometimes there might be a delay in the request
- Check your junk folder
- Click on “Resend OTP” to generate a new one-time password

5. Once your account has been verified, you can proceed to sign in

Your account is confirmed. Please sign in again.

6. Input the email address and password associated with your account
7. Click on **Sign In**

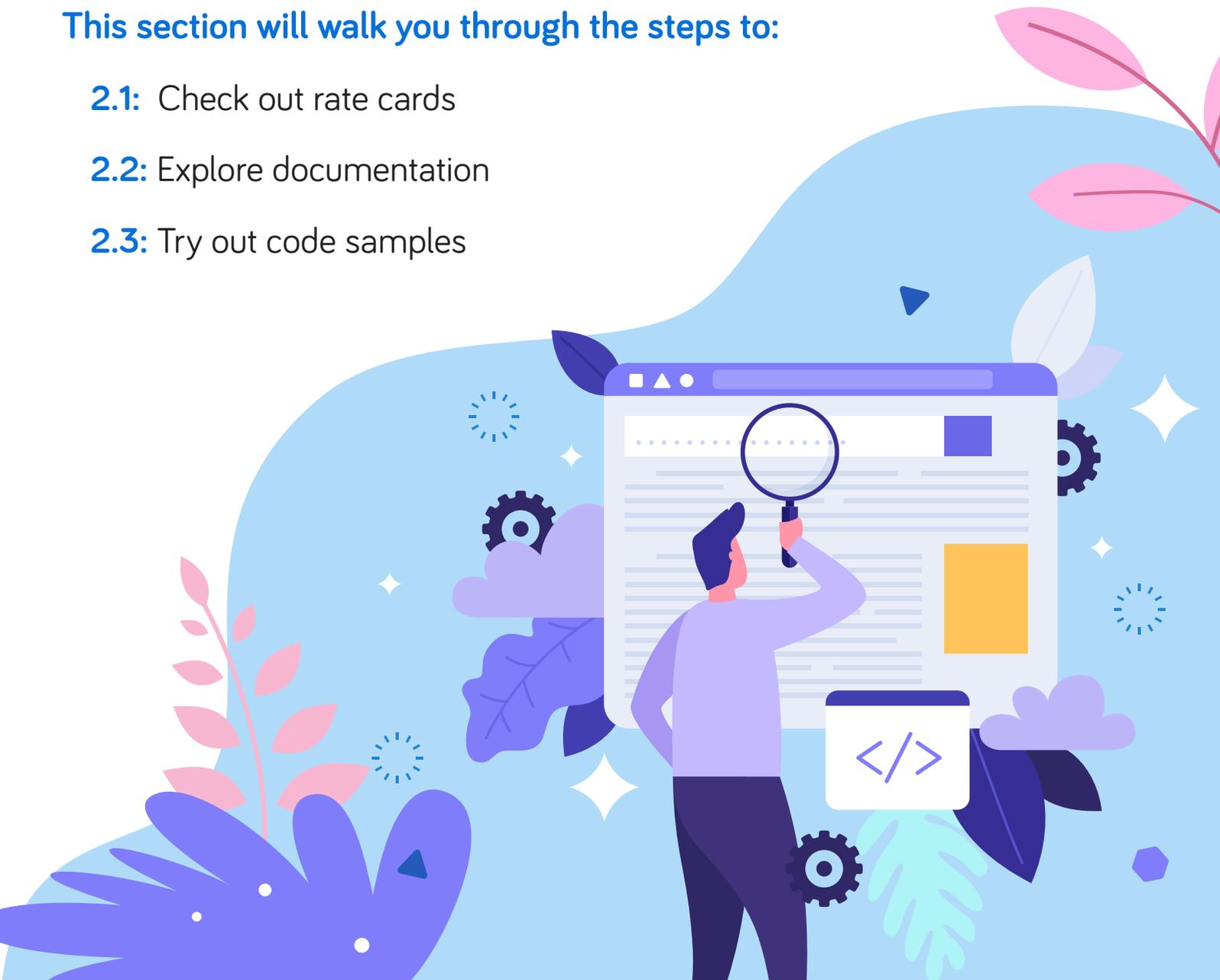
2.0

READ THE DOCUMENTATION

Once your account has been created, you will unlock API-related documentation as well as information essential to decision making

This section will walk you through the steps to:

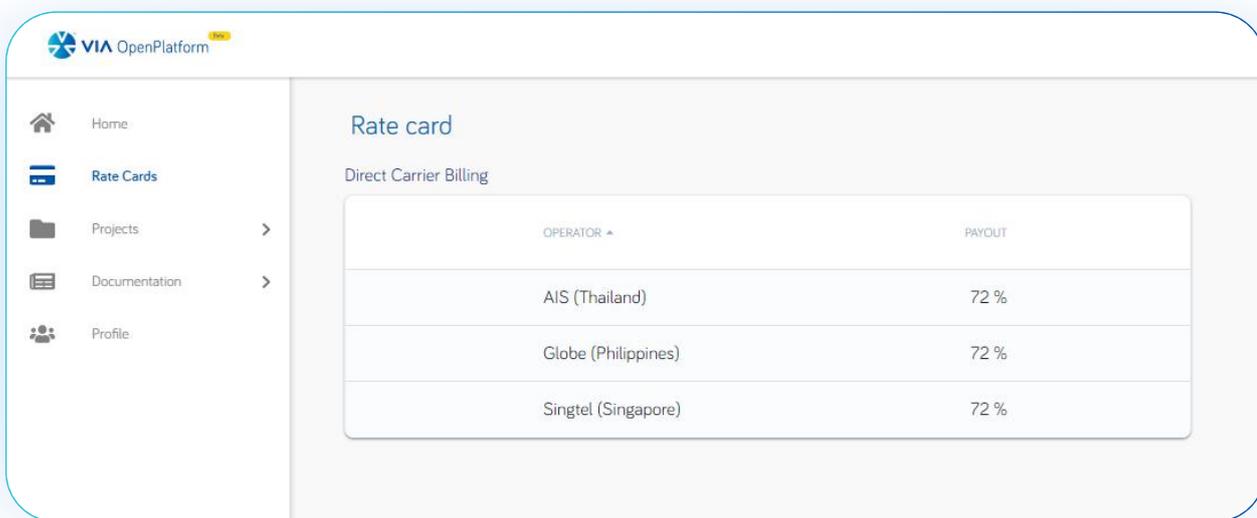
- 2.1:** Check out rate cards
- 2.2:** Explore documentation
- 2.3:** Try out code samples



2.1

CHECK OUT RATE CARDS

If you are a business representative, the rate card will provide essential information for your decision making. You are encouraged to check out the payout rates of the respective mobile operators before proceeding further.



The screenshot displays the VIA OpenPlatform interface. On the left is a navigation menu with options: Home, Rate Cards (selected), Projects, Documentation, and Profile. The main content area is titled 'Rate card' and shows 'Direct Carrier Billing'. Below this is a table with two columns: 'OPERATOR' and 'PAYOUT'.

OPERATOR	PAYOUT
AIS (Thailand)	72 %
Globe (Philippines)	72 %
Singtel (Singapore)	72 %

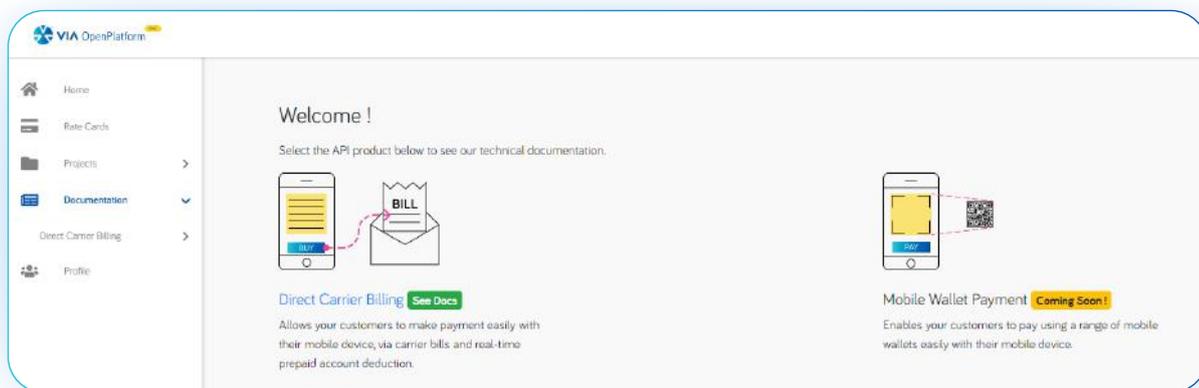
* Coming soon: payout rates for Mobile Wallet Payment

2.2

EXPLORE DOCUMENTATION

If you are a developer, the documentation will provide in-depth technical information on VIA™ Open Platform's payment APIs. You are encouraged to understand the documentation and try out the code samples before proceeding further.

1. Navigate to **Documentation**
2. Select **Direct Carrier Billing** to access its documentation



* *Coming soon: the documentation for Mobile Wallet Payment*

3. A total of five payment APIs are currently available for Direct Carrier Billing. Once integrated, these APIs will enable the flow of payments between your end users, their mobile operators, and your company.
 - Generate one-time password*
 - Retrieve customer identity*
 - Create a charge*
 - Refund a charge
 - Retrieve a charge

* *These APIs are mandatory for every Direct Carrier Billing project*

2.2

EXPLORE DOCUMENTATION (Cont.)

The Direct Carrier Billing documentation also contains helpful information that developers can consult when trying out code samples or running API tests.

1. Payment and Refund Call Flow Diagrams

Show the series of API calls and events for a typical payment or refund transaction

2. Request Headers

List the request header parameters that are required to authenticate an API call

3. Request Body and Response Body for Each API

Explain the parameters that can be transmitted or received when a particular API call is made

Useful Tip

Watch out for parameters that are marked as “Required”. These parameters must be included in the API call's request body.

`userIdentityType`
string [1...10] characters

Required

`userIdentifier`
string [1...64] characters

Required

`transactionType`
string [1...64] characters

Required

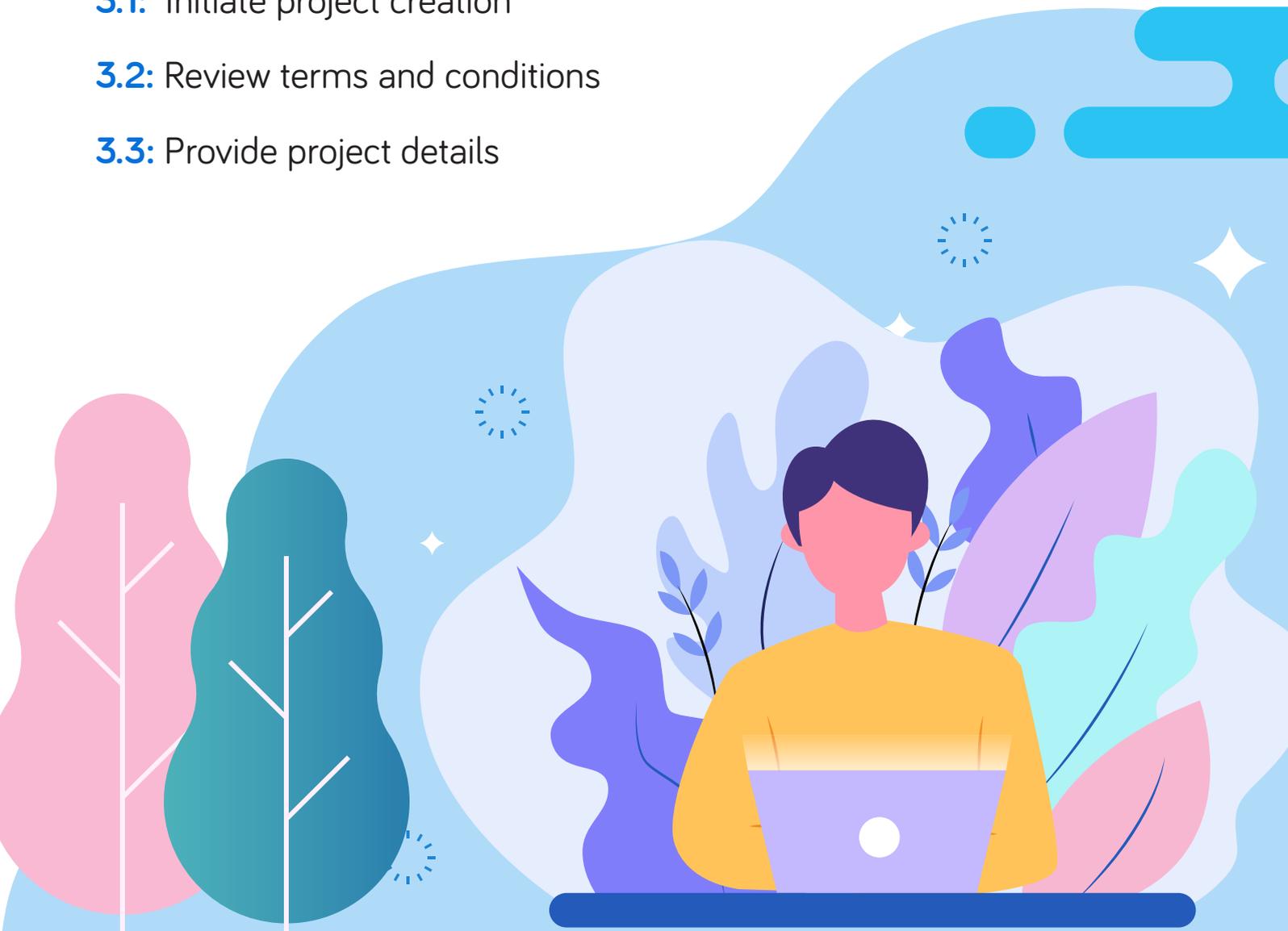
3.0

CREATE A PROJECT

Done getting acquainted with VIA™ Open Platform and ready to take the next step? Tell us more about the very first project that you are embarking on.

This section will walk you through the steps to:

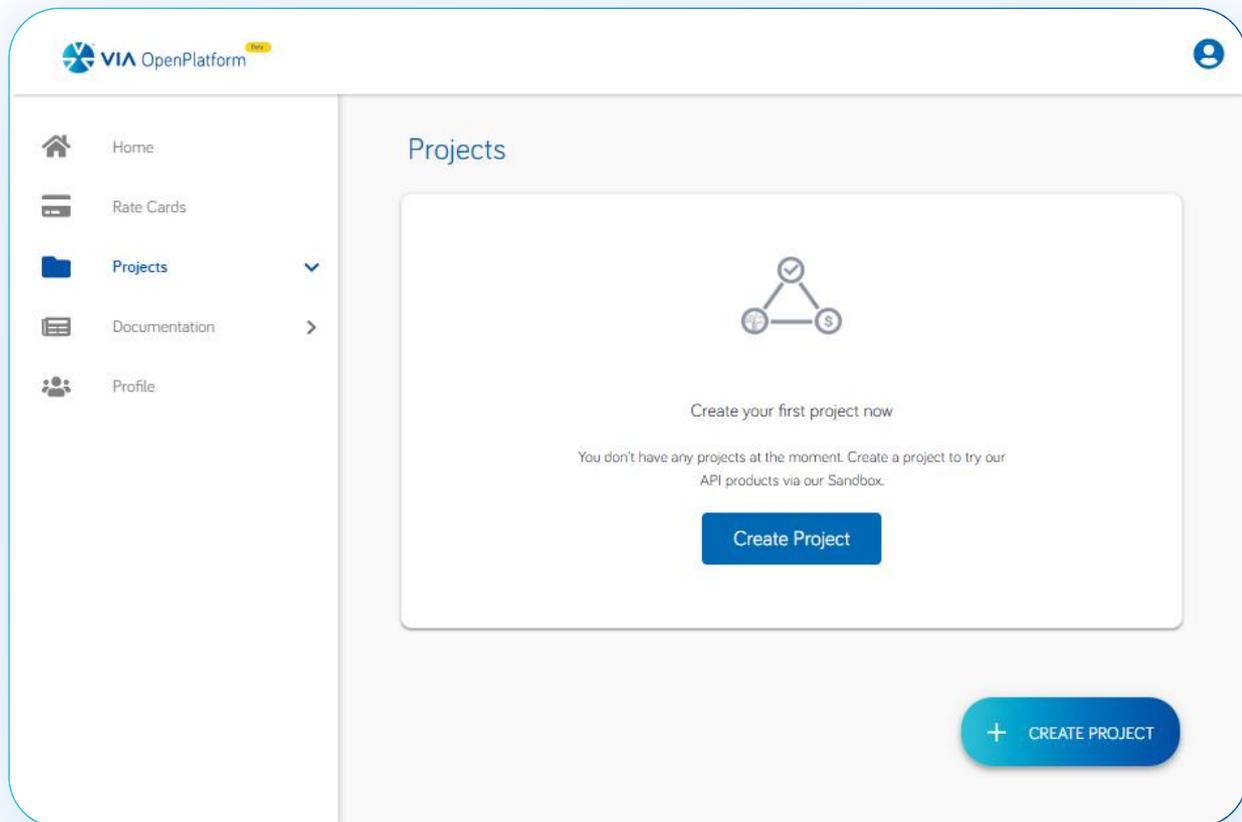
- 3.1:** Initiate project creation
- 3.2:** Review terms and conditions
- 3.3:** Provide project details



3.1

INITIATE PROJECT CREATION

1. Navigate to **Projects**
2. You will see the following screen if you have not created any projects before



3. Click **Create Project**

3.2

REVIEW TERMS AND CONDITIONS

1. In order to use the services of VIA™ Open Platform, you are required to carefully read through and understand all terms and conditions
2. Click on **Agree** to accept the general terms and conditions

5. CHANGES TO DEVELOPER CONTENT

You acknowledge and agree that GOP may, at our sole discretion, amend or modify the GOP API or related goods or services, and these terms from time to time, and that any impact and/or consequences such modification may have on your use of this website and the development of your application is solely at your cost and risk.

6. RESPONSIBILITY FOR YOUR APPLICATION

You are solely and entirely responsible for your application (including but not limited to any actions taken and/or any claims made by others related to your application), including but not limited to your application's development, operation, maintenance, compliance with all applicable laws, and all materials that appear on or within your application.

7. TERMINATION

GOP may terminate these terms and conditions and your access to this website and/or your use of the GOP API or any related goods and services at any time at our sole discretion without notice and without assigning any reason therefor.

Disagree

Agree

3. Next, tick the checkbox to agree to the terms and conditions pertaining to the content and usage of your service, game, or product

Create Project ×

VIA Open Platform Terms & Conditions

Before proceeding, kindly ensure your Service/Game/Product is NOT related to the following:

- Adult or Erotic Content
- Lotteries or Gambling
- Betting Tips
- Donations
- Loan Services

I agree that my Service/Game/Product is not related to any of the above

3.3

PROVIDE PROJECT DETAILS

1. Select the **API Product** that you want to integrate
2. Provide an appropriate **Project Name** that is within 25 characters
3. Outline your key objectives succinctly in **Project Description**
4. Select the **Project Type** that best matches your intended project
5. Click **Create** once all the fields have been filled in

Project Details

API Product

Direct Carrier Billing Mobile Wallet (coming soon)

Project Name

Candy AdvenTour-DCB20212

Project Description

Lorem ipsum dolor lorem ipsum dolor amet dolor lorem ipsum dolor. Ipsum dolor
lorem ipsum dolor amet dolor lorem ipsum dolor orem ipsum dolor amet dolor lorem
ipsum dolor orem ipsum dolor amet dolor lorem ipsum dolor

Project Type

--

Back Create

Useful Tip

Avoid naming your project with words such as “demo”, “dummy”, or “test” if you intend for your project to go live.

* Coming soon: API product for Mobile Wallet Payment

6. A notification dialogue box will pop up to inform you that you have successfully created the project
7. Click **Go to Project** or the **‘x’ button** to close the notification

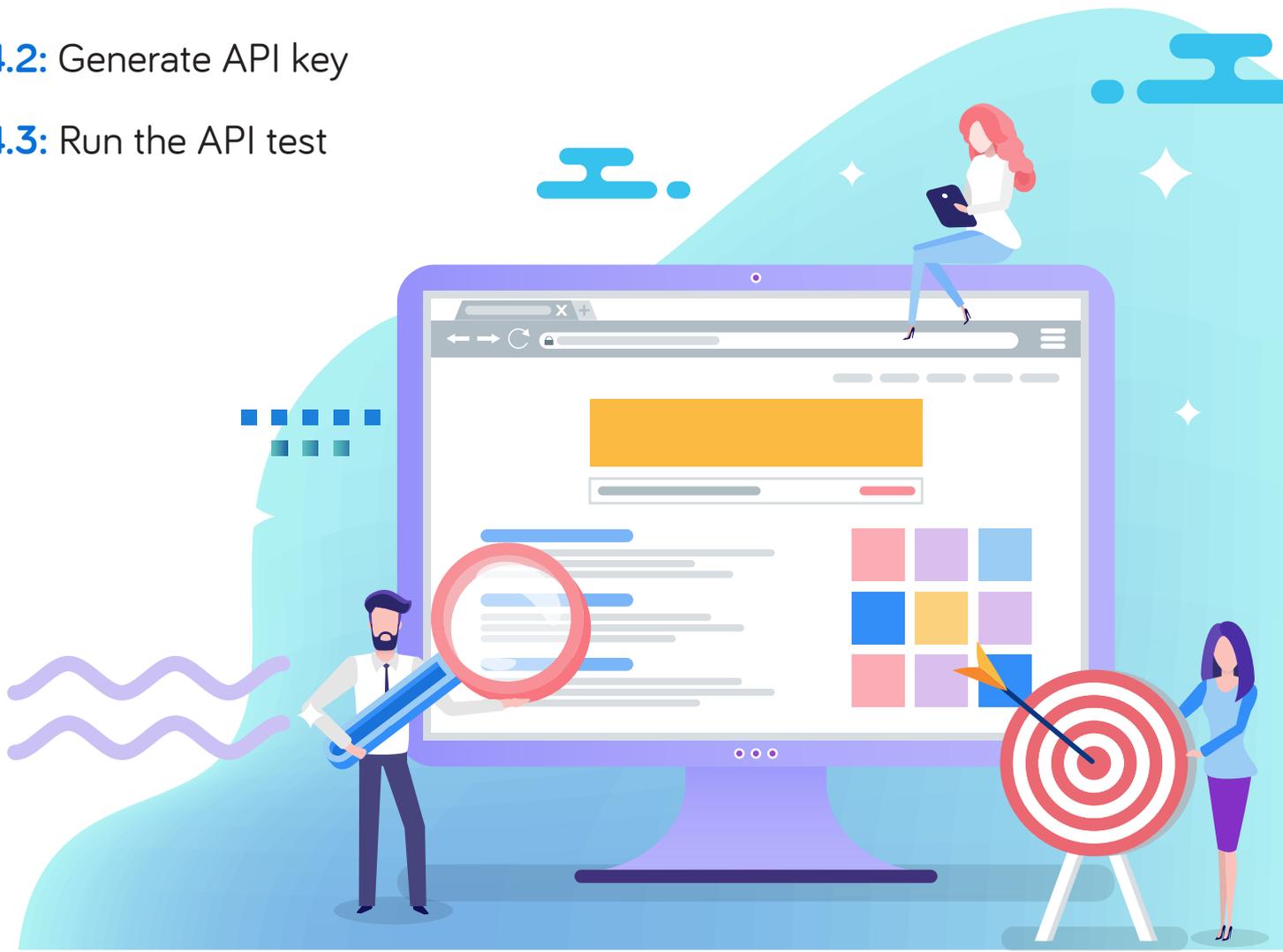
4.0

CONDUCT AN API TEST

Before your project can go live, your developer will need to conduct a test in VIA™ Open Platform's sandbox environment. This will help ensure that your system is compatible with the integrated APIs.

This section will walk you through the steps to:

- 4.1:** Obtain sandbox credentials
- 4.2:** Generate API key
- 4.3:** Run the API test



4.1

OBTAIN SANDBOX CREDENTIALS

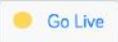
Your developer will need the sandbox credentials before they are able to run any API tests.

1. Navigate to **Projects**
2. Click on the name of your project

NAME ▲	DATE CREATED	STATUS
Candy AdvenTour-DCB20212	23 Mar 2021	

3. The sandbox credentials can be found in the table titled **Sandbox – API URL and Key**

Projects > Candy AdvenTour-DCB20212

 Viewing sandbox data

Overview	
Project Type	Gaming
Date created	23 Mar 2021
API Product	Direct Carrier Billing
Service provider codes	STM for Singtel AIS3 for AIS GLB2 for Globe

Sandbox - API URL and Key	
Sandbox URL	https://sandbox.viaopenplatform.com 
X-Partner-ID	60f87991-1827-42c0-8efc-9a826b3feac0 
X-Project-ID	a103f1c2-e625-493d-9960-1dd12116c32f 
X-API-Key	
Sandbox Password 
Product codes	1010 for AIS 1100 for Singtel 1011 for Globe

Useful Tip



Click on this icon to directly copy the sandbox credentials to your clipboard.

4.2

GENERATE API KEY

1. To obtain the X-API-Key, click **Generate Key**

2. Click **Copy API Key** to copy the credential to your clipboard



API Key Generated

vm5kBNJbyh8OadlqNR6xp5alYZPUaAUA4ZHHb51Z

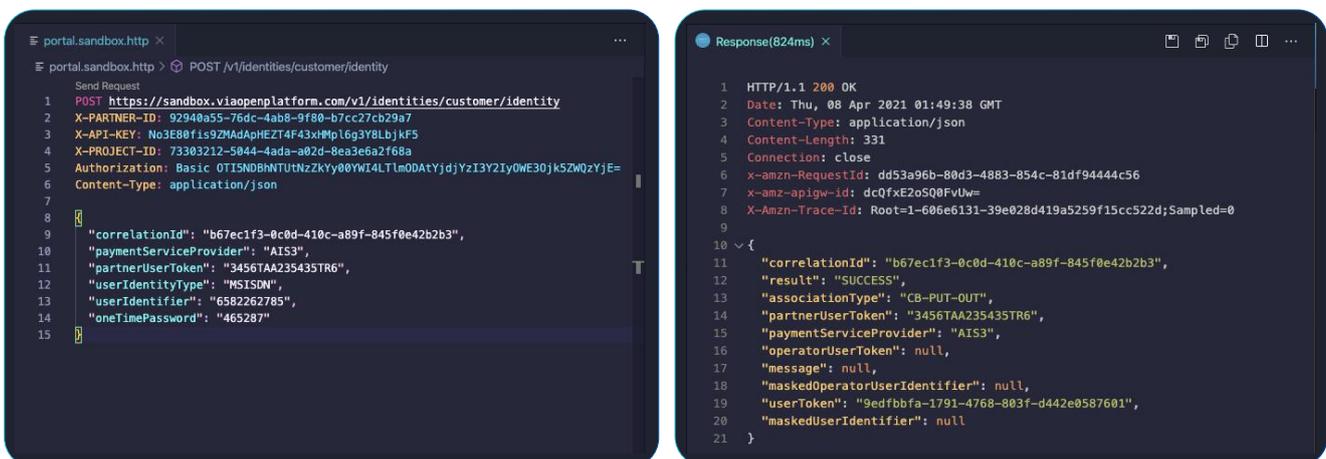
An API key has been generated. If the Regenerate Key button is pressed again, this key will become invalid and a new API key will be generated.

4.3

RUN THE API TEST

If you are a developer, proceed with the API test using the sandbox credentials obtained earlier.

1. Be sure to test each of the APIs that you are integrating into your system
2. Ensure each API request returns the desired and correct response
3. Refer to Documentation when the need to troubleshoot arises
4. Upon successful completion of the API test, your project is ready to **GO LIVE**



```
portal.sandbox.http x
portal.sandbox.http > POST /v1/identities/customer/identity
Send Request
1 POST https://sandbox.viaopenplatform.com/v1/identities/customer/identity
2 X-PARTNER-ID: 92940a55-76dc-4ab8-9f80-b7cc27cb29a7
3 X-API-KEY: No9E80fis9ZMAdApHEZ14F43xMp16g3Y8LbjkF5
4 X-PROJECT-ID: 73389212-5044-4ada-a02d-8ea3e6a2f68a
5 Authorization: Basic OTISND8MTUtNzZkYy00YWI4LTlmODAtYjdjYzI3Y2IyOWE3Ojk5ZWQzYjE=
6 Content-Type: application/json
7
8 {
9   "correlationId": "b67ec1f3-0c0d-410c-a89f-845f0e42b2b3",
10  "paymentServiceProvider": "AIS3",
11  "partnerUserToken": "3456TAA235435TR6",
12  "userIdentityType": "MSISDN",
13  "userIdentifier": "6582262785",
14  "oneTimePassword": "465287"
15 }
Response(824ms) x
1 HTTP/1.1 200 OK
2 Date: Thu, 08 Apr 2021 01:49:38 GMT
3 Content-Type: application/json
4 Content-Length: 331
5 Connection: close
6 x-amzn-RequestId: dd53a96b-80d3-4883-854c-81df94444c56
7 x-amz-apigw-id: dcQfxE2oS0QFvUw=
8 X-Amzn-Trace-Id: Root=1-606e6131-39e020d419a5259f15cc522d;Sampled=0
9
10 {
11   "correlationId": "b67ec1f3-0c0d-410c-a89f-845f0e42b2b3",
12   "result": "SUCCESS",
13   "associationType": "CB-PUT-OUT",
14   "partnerUserToken": "3456TAA235435TR6",
15   "paymentServiceProvider": "AIS3",
16   "operatorUserToken": null,
17   "message": null,
18   "maskedOperatorUserIdentifier": null,
19   "userToken": "9edfbbfa-1791-4768-803f-d442e0587601",
20   "maskedUserIdentifier": null
21 }
```

* Example of an API integration test: the request sent (left image) and the response returned (right image)

Useful Tip

You can still apply to go live for a project even if the test was not successful for one or more APIs. The VIA™ Open Platform technical team will contact your business representative to render assistance at a later date.

5.0

GO LIVE

Almost there! This is the moment you have been waiting for – just a few more steps for your project to go live.

This section will walk you through the steps to:

- 5.1:** Prepare relevant documents
- 5.2:** Initiate '**GO LIVE**' process
- 5.3:** Specify project technical details
- 5.4:** Provide company details and documents
- 5.5:** Fill in business representative details
- 5.6:** Input company bank details
- 5.7:** Check application status



5.1

PREPARE RELEVANT DOCUMENTS

Please prepare an electronic copy of these mandatory documents before starting your 'Go Live' online application. The documents can be in these file formats: PDF, JPG, or PNG.

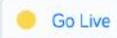
1. A recent **ACRA Business Profile** (dated less than 6 months prior to the date of your 'Go Live' application) of your company
2. A recent **utility bill** of your company's premises (or otherwise another reasonable proof of recent business activity)
3. A **valid license** issued by the government authority of where your business is based (where applicable)
4. A **proof of authorisation of signatory** (applicable only if the signatory is not listed as your company's director or owner on the ACRA Business Profile)
5. A detailed **customer registration, payment, and customer invoicing flow**

Feel free to [contact the VIA™ Open Platform sales team](#) should you have any questions on the above.

5.2

INITIATE 'GO LIVE' PROCESS

1. Navigate to **Projects**
2. Click on the **Go Live** button next to the project

NAME ▾	DATE CREATED	STATUS
Candy AdvenTour	23 Mar 2021	

Useful Tip

Ensure that your project is properly named without words such as “demo”, “dummy”, or “test”. Project names can be changed anytime prior to the submission of the ‘Go Live’ application.

3. A checklist reminder will pop up
4. Click **Next** if you have all the documents on hand

Documents required, please upload all where possible

- Copy of more recent (less than 6 months prior to date of this Agreement) ACRA Business Profile (or equivalent);
- Recent utility bill of the Merchant (or proof of recent business activity);
- Copy of valid license issued by governmental authority (where applicable);
- Proof of authorisation of signatory (applicable only if signatory is not listed as one of the directors/owner(s) of the Merchant on the ACRA Business Profile); and
- Detailed customer registration, payment and customer invoicing flow

Cancel

Next

5.3

SPECIFY PROJECT TECHNICAL DETAILS

1. Select the countries (consumer markets) that your company is targeting
2. Input the IP addresses used by your company and your developer team so that they can be whitelisted (example: 138.1.1.1, 45.123.221.78)
3. To help prevent unauthorised access, only whitelisted IP addresses can make API calls
4. Click **Next**

The screenshot shows a multi-step setup process titled "Go Live for Candy AdvenTour". A progress bar at the top indicates four steps: "Project Details" (current step), "Company Details", "Business Representative Details", and "Company Bank Details". The "Project Details" section contains the following content:

Which countries would you want your service to be available in? (You may select more than one)

Singapore Thailand Philippines

Please enter a list of IP addresses for whitelisting below (comma separated for each IP):

[Empty text input field]

At the bottom right, there are "Back" and "Next" buttons.

5.4

PROVIDE COMPANY DETAILS AND DOCUMENTS

1. Fill in the details of your company
2. Upload the documents that you have prepared in Step 5.1 and ensure that they:
 - Have an individual file size of not more than 5MB
 - Are of these file formats: PDF, JPG, or PNG
3. Once submitted, your company details will be auto-filled in your subsequent 'Go Live' applications
4. Click **Next**

Go Live for Candy AdvenTour

Project Details | Company Details | Business Representative Details | Company Bank Details

Company Name

Company Website / App Store Link / Social Media

Company Industry

Company Description

Business Registration Number

Business Document ⓘ

Drag and drop here or browse

Company Address

Country of Incorporation

Hotline Number ⓘ

Back Next

Useful Tip

Need a reminder on the exact documents to submit? Just click on the information icon!

Documents required, please upload all where possible

- Copy of more recent (less than 6 months prior to date of this Agreement) ACRA Business Profile (or equivalent);
- Recent utility bill of the Merchant (or proof of recent business activity);
- Copy of valid license issued by governmental authority (where applicable);
- Proof of authorisation of signatory (applicable only if signatory is not listed as one of the directors/owner(s) of the Merchant on the ACRA Business Profile); and
- Detailed customer registration, payment and customer invoicing flow

Ok

Alert

You may upload up to 5 files under Business Document.

Hotline Number

This could be your company's helpdesk or customer service number, in case there is a need to address any customer issues directly.

5.5

FILL IN BUSINESS REPRESENTATIVE DETAILS

1. Fill in the details of the business representative (or yourself) whom VIA™ Open Platform can contact directly for commercial terms and agreements, or any issues pertaining to your 'Go Live' applications
2. Once submitted, the business representative's details (or yours) will be auto-filled in your subsequent 'Go Live' applications
3. Click **Next**

Go Live for Candy AdvenTour

Project Details Company Details Business Representative Details Company Bank Details

Full Name
--

Job Title

Business Contact Number
--

Business Email
jethro@bznztime.com

Back Next

Business Email

This email address is auto-generated based on the email you used during the sign-up process.

5.6

INPUT COMPANY BANK DETAILS

1. Fill in your company's bank details so that payments (in USD, or converted to USD for payouts in other currencies) can be made to your checking account
2. Once submitted, your company's bank details will be auto-filled in your subsequent 'Go Live' applications
3. Click **Submit**

Go Live for Candy AdvenTour

Project Details Company Details Business Representative Details Company Bank Details

Provide your bank details so we can make deposits to your checking account. Payments in other currencies will be converted and paid out in USD.

Company Bank Name

Company Bank Code **Company Branch Code**

Company Account Number

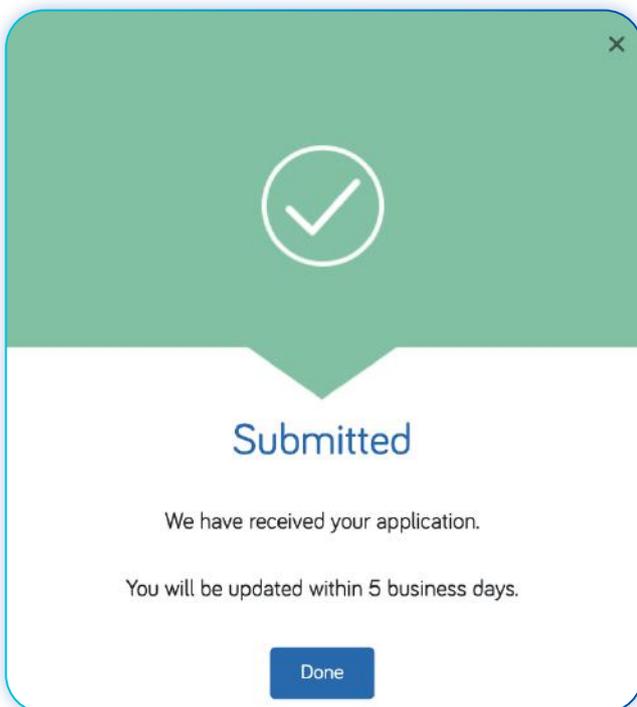
Confirm Company Account Number

Back **Submit**

5.7

CHECK APPLICATION STATUS

1. Upon successful submission, an acknowledgement dialogue box will pop up
2. Click **Done** or the **'x' button** to close it

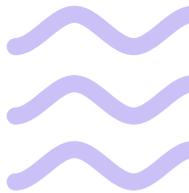
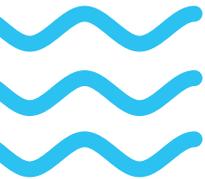
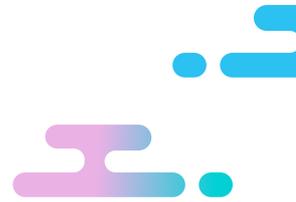
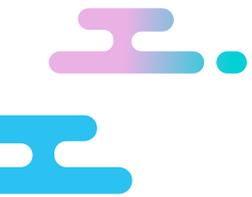


What's Next

You will receive a follow-up email within the next 5 business days to inform you whether your 'Go Live' application has been successful. Any issues with your company details, business documents, and API integration test will also be highlighted in the email.

3. Additionally, you can visit the **Projects** page to check on the status of your 'Go Live' application

NAME ▲	DATE CREATED	STATUS
Candy AdvenTour	23 Mar 2021	● Pending Approval



FIND OUT MORE AT
www.viaopenplatform.com

DISCLAIMER:

This guide is released to you purely without any warranty, implied or otherwise as to the accuracy or completeness of the information contained therein and as to any particular result, commercial or otherwise, you may or may not achieve arising from the use or reliance on such information. The figures in this guide have been obtained from third parties and other sources which may not be reliable. We have not independently verified any of these figures. You remain responsible for undertaking your own due diligence. Reliance on this guide shall be entirely at your own risk. Information expressed in this guide are subject to change without notice. To the fullest extent legally permissible, we will not be liable for any direct, indirect, consequential, incidental, special or punitive damages that may arise out of the use of or reliance on this information by you (including, but not limited to, any pecuniary and non-pecuniary loss, loss of opportunities, damage to reputation and other damages that may result therefrom) and/or pursuant to any claim under any tort, contract, negligence, strict liability or other theory with respect to the content of this guide. No part of this guide may be redistributed, copied and/or reproduced for commercial gains, without our prior written consent.