Instructions on

Navigating the Client Program for KV Food Service

1. Setting up the Back-end Web Server

Please ensure that you have already read through and finished setting up the back-end web server guide. Without those prerequisites, you will be unable to fully test the client program.

Once ready, CD into the directory where you unzipped the file and the following commands in your terminal:

go run .

2. Launch the Client Website

You can use a client such as chrome to access the server at your local address:
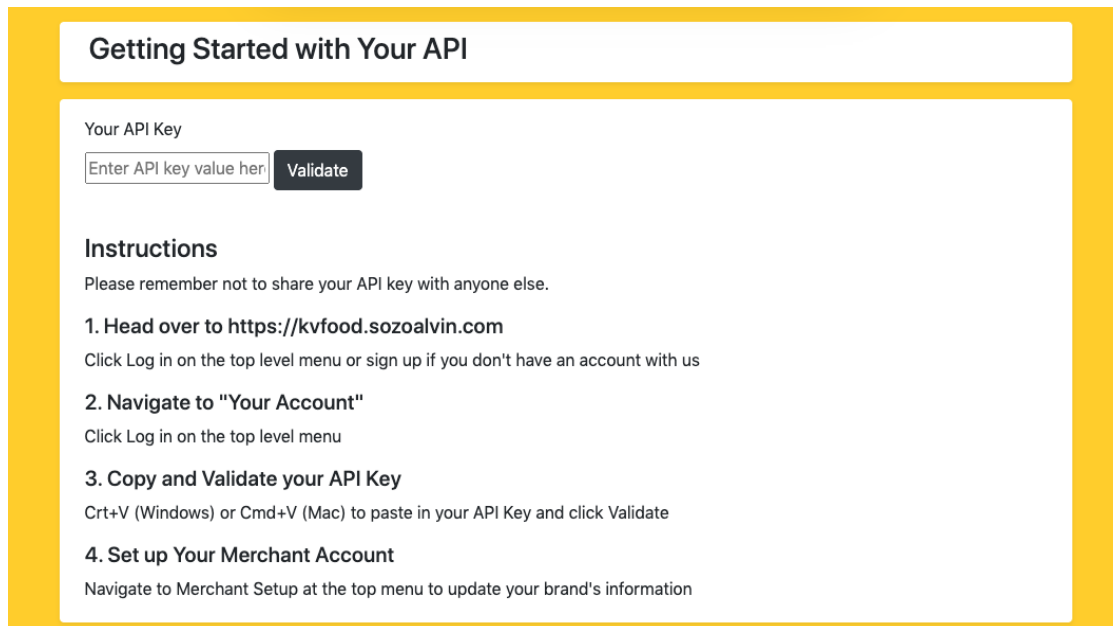
localhost:8080

There is no need for a http:// or https:// right in front of the link.

3. Start with your API key

Accessing the program requires you to already have a valid account at the server's address.

You can also find instructions on how to find your access key on the client's home page.

If you head over to the main server's address; you can find the top menu item called *My Account*. Clicking on that will reveal your API key.

If you feel that your API key has been leaked before; please **change** it immediately. You can do that by clicking on the *Regenerate API key*.

Once you *copy* the API key, return back to the client's server and *paste (crt+v [windows] or cmd + v [mac])* and click on **validate**.

The server validates your API key against the stored data; and proceeds with returning you a successful message if the API key is valid.

Your API Key

3293f534-553c-4eea- | Copy

Your API Key has been validated. Thank you

4. Set Up Your Merchant Account

If you are using a #superuser account. You will have nothing to set up. You can skip this step.

Please feel free to use any details you like; but please bear in mind that algorithms are in place to *escape string, len/length check/number validation* etc.

Alternatively, please feel free to use the placeholder values.

Set Up Your Merchant Account Here

Instructions

Please set up your merchant account by following the different steps

Your Brand's Name

Sedap Nasi Goreng (maximum 20 characters including white spaces. Please avoid symbols)

Your Detailed Location

Blk 498A Tampines Drive 7 #01-20 (maximum 45 characters including white spaces)

Your Postal Code

525315 (maximum 7 characters including white spaces)

Operating Hours on Monday

e.g. 0900-2200 if your shop is open from 9am - 10pm (maximum 9 characters)

Operating Hours on Tuesday

e.g. 0900-2200 if your shop is open from 9am - 10pm (maximum 9 characters)

Operating Hours on Wednesday

e.g. 0900-2200 if your shop is open from 9am - 10pm (maximum 9 characters)

Operating Hours on Thursday

e.g. 0900-2200 if your shop is open from 9am - 10pm (maximum 9 characters)

Operating Hours on Friday

e.g. 0900-2200 if your shop is open from 9am - 10pm (maximum 9 characters)

Operating Hours on Saturday

e.g. 0900-2200 if your shop is open from 9am - 10pm (maximum 9 characters)

Operating Hours on Sunday

Minutes Before a Last Order Can be Made

e.g. 30 , if your last order is 30 minutes before your shop closes (maximum 2 characters)

Set Up Merchant Account

After you're done, please click on the button to submit your Merchant Account. If you're successful, you will now gain access to the other parts of the client's program. In other words, you will be able to add items, edit items as well as delete items.

Minutes Before a Last Order Can be Made

e.g. 30 , if your last order is 30 minutes before your shop closes (maximum 2 characters)

Your Merchant Account has been succesfully updated. You may now proceed to add, edit or delete food items.

Set Up Merchant Account

5. Adding New Food Items

For the next few steps, we'll be using the top menu to navigate between Add, Edit, Delete and Check Records.

KV MERCHANT   Home   My API   Merchant Setup   Add Items   Edit Items   Delete Items   Check Records

The add feature is relatively straight forward. Just enter your details and follow the instructions.

Create a New Item Here!

Your Brand's Name:

sedap nasi goreng

Your Brand's Address:

Blk 498A Tampines Avenue 7

If you think that the above information is wrong, please contact KV FOOD customer service **immediately**.

Instructions

Please only use this page to create new food dishes. To edit and delete another menu item, please use the other pages

Food Name

Nasi Lemak with Fried Egg (maximum 50 characters including white spaces)

Unit Price (SGD)

Enter Your Price here. e.g 5.80

Create

We're going to try typing the values proposed by the placeholder values and then hit the create button.

Instructions

Please only use this page to create new food dishes. To edit and delete another menu item, please use the other pages

Food Name

Nasi Lemak with Fried Egg

Unit Price (SGD)

5.80

Create

If the food item is not a duplicate or an existing food item, the client comes back with a successful message, indicating that the creation is successful and is "pending for approval".

Food Name

Nasi Lemak with Fried Egg (maximum 50 characters including white spaces)

Your new food item has been created succesfully and is pending for approval.

Unit Price (SGD)

Enter Your Price here. e.g 5.80

Create

For the purpose of testing the client, I did not gate the changes. In other words, all creation, edit and delete are **immediate**. Any delay in such processes can and should be attributed to latency issues. In a real world scenario, updates / creation should still be vetted/ gated before available for purchase etc.

6. Order your New Food Item!
Head back to the web server (localhost) and search for whatever you just inserted. In our case, we're going to search for nasi and let the auto-complete do its job.

Didn't find what you want? How 'bout searching for it again?

Nasi Briyani - Nasi King	1	Add to Cart
Nasi Lemak With Fried Egg - Sedap Nasi Goreng	1	Add to Cart

And that's it! The item you added was successful and people can start searching and adding your delicious new menu item into their cart! That wasn't so difficult was it!

7. Editing Dish Name and Price

Editing a dish's name as well as the price is as simple as navigating to the Edit Items menu. You'll be presented with all the dishes that you can edit. This page will **only display** menu items that belong to your account.

All your Existing Food Items

Your Brand's Name:
sedap nasi goreng

Your Brand's Address:
Blk 498A Tampines Avenue 7

If you think that the above information is wrong, please contact KV FOOD customer service **immediately**.

Instructions
Thie page represents all your exising Food Items (approved ones only). To create and edit food items, please use the other pages

nasi lemak with fried egg	5.8	Edit

Clicking on the edit button would bring you to the following page. The brand name's address as well as the food item that they're about to edit is displayed to always ensure that the client is changing the correct menu item.

Your Brand's Name:

sedap nasi goreng

Your Brand's Address:

Blk 498A Tampines Avenue 7

Editing this Item:

nasi lemak with fried egg

If you think that the above information is wrong, please contact KV FOOD customer service **immediately**.

Instructions

Please only use this page to edit the currently displayed food item. To add or delete another menu item, please use the other pages

Food Name

> Enter your new food name. Leave empty if name unchanged

Unit Price (SGD)

> Enter your new price here. e.g 5.80 Leave empty if price unchanged

Edit

Let's assume that we want a better menu, with a change of item and therefore an added price tag. We're going to change the price to 9.99 and the food dish's name to:

Nasi Lemak with Sambal Chicken Drumstick

Food Name

> Nasi Lemak with Sambal Chicken Drumstick

Unit Price (SGD)

> 9.99

Edit

Food Name

> Enter your new food name. Leave empty if name unchanged

Both your menu's item name as well as the price has been updated

Unit Price (SGD)

> Enter your new price here. e.g 5.80 Leave empty if price unchanged

Edit

If the food dish's name as well as the price are correct, it will pass all the program's input validation algorithms and before you know it, the change is already in effect.

Here's how you can see it in action. Head back to the Edit Menu again and you'll see your previously shown

nasi lemak with fried egg changed into

nasi lemak with sambal chicken drumstick

nasi lemak with sambal chicken drumstick	9.99	Edit

8. Deleting a Menu Item is Easy

Don't like what you just added? Deleting is a fast, easy but also a **permanent** action.

Navigating to the delete menu on the top menu, all you have to do is press the delete button beside the dish's name.

Delete Your Existing Menu Items Here

Your Brand's Name:

sedap nasi goreng

Your Brand's Address:

Blk 498A Tampines Avenue 7

If you think that the above information is wrong, please contact KV FOOD customer service **immediately**.

Instructions

This page represents all your exising Food Items (approved ones only). Please note that deleting a menu item is permanent. To create and edit food items, please use the other pages

nasi lemak with sambal chicken drumstick	9.99	Delete

If the deletion is successful, the client will be greeted with a *"The food menu item has been successfully deleted"* message, confirming that the item has already been deleted. If you navigate to the other pages such as edit, you will no longer be able to find the dish you created.

Please be reminded again that deleting a menu item is **permanent**.

Your Brand's Name:

sedap nasi goreng

Your Brand's Address:

Blk 498A Tampines Avenue 7

If you think that the above information is wrong, please contact KV FOOD customer service **immediately**.

Instructions

This page represents all your exising Food Items (approved ones only). Please note that deleting a menu item is permanent. To create and edit food items, please use the other pages

The food menu item has been succesfully deleted

9. Retrieval of all Food Items

With the help of the Check Records top menu button, you can now quickly access all the food items that you have added into the server's back end system.

Of course, if you did delete the previous item, you'll probably have a blank page and probably only see something like this.

Delete Your Existing Menu Items Here

Your Brand's Name:

sedap nasi goreng

Your Brand's Address:

Blk 498A Tampines Avenue 7

If you think that the above information is wrong, please contact KV FOOD customer service **immediately**.

Instructions

This page represents all your exising Food Items (approved ones only). Please note that deleting a menu item is permanent. To create and edit food items, please use the other pages

But if you had more items that were added to the server, then you probably will see something that looks more like this:

All your Existing Food Items

Your Brand's Name:

eatzi gourment bistro

Your Brand's Address:

safra yishun

If you think that the above information is wrong, please contact KV FOOD customer service **immediately**.

Instructions

Thie page represents all your exising Food Items (approved ones only). To create and edit food items, please use the other pages

bak chor mee	3.5
roti prata	3.5
soya sauce chicken	12.34
rojak	5.5
hai di lao	10.5
duck rice	6.5
duck noodles	3.5
murtabak	4.5
salted egg fried rice	7.5
satay bee hoon	20.5
hokkien mee	15.5
fish bee hoon soup	6.5

This marks the end of the instructions for the manual for the client's server. I hope you've enjoyed trying and using the client app as much as I've learnt and spent the time building it.