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Fullstack Developer Program
Read the Stripe Documentation

Instruction:

For submission,
1. Upload this document as a PDF file to the Talentlabs Classroom

Task 1 Understand the Business

Visit https://stripe.com/, to understand what stripe is. Give a brief description of Stripe:

> - a medium of managing payment and transaction for operation of online business
> - It has a fully integrated features to support online business from building websites and apps, standardize between online and offline matters, and security issues.
> - For implementation, it has great functionality and documents for developers to build website and apps
> - Stripe really emphasises on the best and secure approach to payments and finance

Task 2 Understand the API Standards

Visit https://stripe.com/docs/api, read the section "API Reference", what are some API Standards it is following?

> - it uses REST so the methods are still same such as GET, PUT, POST, DELETE etc.
>
> - it manages URL accordingly
>
> - It has a similar concept of request and response
>
> - use API key to authenticate the permission of client to access the data from server
>
> - has several programming language options such as Python, Java etc.

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Task 3 Understand the API Response Status code design

Visit https://stripe.com/docs/api/errors, read the section "Errors". You can see Stripe is not implementing all HTTP status codes. They only use part of them. What are the status codes Stripe uses?

It has 2xx, 4xx, and 5xx only.

Task 3 Understand the Customer API

Visit https://stripe.com/docs/api/customers, and briefly describe how to use this customer API. You don't need to write any code, we only need a description here. (Python)

Describe some of the attributes of a Customer:

- id >> unique identifier

- address >> customer's address

- email >>customer's email address

- name >> customer's full name

- phone >> customer's phone number

Describe how to create a Customer:

- use create method and supply relevant arguments
- put right argument especially on optional dictionary

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Describe how to retrieve a Customer:

- use retrieve method and supply customer id

Describe how to update a Customer:

Use modify method and supply arguments by setting values of parameters and value will not be changes if there are no parameters provided.

Describe how to delete a Customer:

Use delete method and supply the customer id

Describe how to list all Customers:

- use list method and adjust the limit parameter to display how much the list of customers to be displayed