**Vendor Profile API’s**

We will implement Class based Views for the Vendor Profile Management

There will be 3 Classes

* /api/vendors/
* /api/vendors/{vendor\_id}/
* /api/vendors/{vendor\_id}/profile

**/api/vendors/**

This class will handle GET & POST type of Requests.

* GET – For listing all the Vendors
* POST – For creating an new vendor object

**/api/vendors/{vendor\_id}/**

This class will handle GET, PUT & DELETE type of Requests.

* GET – It will provide information about a specific vendor
* PUT – This will update the vendors details
* DELETE – This will delete the vendor ( Softly )

**/api/vendors/{vendor\_id}/performance**

This class will handle GET type of Request only.

* GET – The GET Request made to this API, is for the vendor to acknowledge the purchase order

**Vendor Model and Field’s specification**

The Vendor model will be implemented using Creation of New Models for the Vendors

The Model will consist of Various fields

* Name – Name of the Vendor ( CharField )
* Phone No. – Phone Number of the Vendor ( CharFiled )
* Email – Email address of the Vendor ( EmailField )
* Address – Physical Address of the Vendor ( TextField )
* On\_Time\_Delivery\_Rate – An float filed that will tell what is the percentage when the vendor delivered the purchase order on time ( FloatField )
* Quality\_Rating\_Avg – Upon Completion of delivery by the vendor the user can give an quality rating to the vendor, the average of this rating will be stored in this field ( FloatField )
* Average\_Response\_Time – When an order is issued to the vender then what is the average time taken by the vendor to say “YES” to the order ( FloatField )
* Fultilment\_Rate – This shows what % of the acknowledge orders were successfully delivered by the vendor
* Deleted – To Implement Soft Delete on the Vendor