Common Detail

Base URL: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

API Response Base Structure:

1. Vendor - API

1.1 Endpoints : GET /api/vendors/

Example Request: http://127.0.0.1:8000/api/vendors/

Response :

[

{

"id": 6,

"name": "Updated Vendor Name",

"contact\_details": "Updated Contact Details",

"address": "Updated Address",

"vendor\_code": "Updated Vendor Code",

"on\_time\_delivery\_rate": 95.5,

"quality\_rating\_avg": 4.5,

"average\_response\_time": 24.5,

"fulfillment\_rate": 98.5

}

]

Description:

* All API will contain message, data and status.
* Message: It contains the success message or error message.
* Data: It will contain response data from Database. It can be object or array of objects
* Id: Database row Id
* Name
* Contact number
* Address
* Vendor code
* On\_time\_delivery\_rate
* Quality\_rating\_avg
* Average\_response\_time
* Fulfilment\_rate

1.2 Endpoints : GET/api/vendors/?vender\_id=6

Example : http://127.0.0.1:8000/api/vendors/?vender\_id=6

**Parameters:** Id (OPTIONAL): If "id” is received then return the specific vendor detail otherwise it will return all the data for vendor.

Response :

[

{

"id": 6,

"name": "Updated Vendor Name",

"contact\_details": "Updated Contact Details",

"address": "Updated Address",

"vendor\_code": "Updated Vendor Code",

"on\_time\_delivery\_rate": 95.5,

"quality\_rating\_avg": 4.5,

"average\_response\_time": 24.5,

"fulfillment\_rate": 98.5

}

]

Description:

* All API will contain message, data and status.
* Message: It contains the success message or error message.
* Data: It will contain response data from Database. It can be object or array of objects
* Id: Database row Id
* Name
* Contact number
* Address
* Vendor code
* On\_time\_delivery\_rate
* Quality\_rating\_avg
* Average\_response\_time
* Fulfilment\_rate

1.3 Endpoint :PUT/ api/vendors/6/

Example : http://127.0.0.1:8000/api/vendors/6/

Response :

{

"id": 6,

"name": "Updated Vendor Name",

"contact\_details": "Updated Contact Details",

"address": "Updated Address",

"vendor\_code": "Updated Vendor Code",

"on\_time\_delivery\_rate": 95.5,

"quality\_rating\_avg": 4.5,

"average\_response\_time": 24.5,

"fulfillment\_rate": 98.5

}

Description:

* All API will contain message, data and status.
* Message: It contains the success message or error message.
* Data: It will contain response data from Database. It can be object or array of objects
* Id: Database row Id
* Name
* Contact number
* Address
* Vendor code
* On\_time\_delivery\_rate
* Quality\_rating\_avg
* Average\_response\_time
* Fulfilment\_rate

# 2.Purchase order-API

2.1 Endpoints : POST/api/purchase\_orders/

Example : http://127.0.0.1:8000/api/purchase\_orders/

Fill data:

{

"po\_number": "PO-123",

"vendor": 6,

"order\_date": "2024-05-05T12:00:00",

"delivery\_date": "2024-05-10T12:00:00",

"items": ["Item 1", "Item 2"],

"quantity": 10,

"status": "pending"

}

Response :

{

"message": "Purchase order created successfully"

}

Description:

* + All API will contain message, data and status.
  + Message: It contains the success message or error message.
  + Data: It will contain response data from Database. It can be object or arrayof objects
  + po\_number
  + vendor
  + order\_date
  + delivery\_date
  + items
  + quantity
  + status

2.2 Endpoints : GET/api/purchase\_orders/?vendor\_id=6

Example : http://127.0.0.1:8000/api/purchase\_orders/?vendor\_id=6

**Parameters:** Id (OPTIONAL): If "id” is received then return the specific purchase\_order detail otherwise it will return all the data for purchase\_order.

Response :

[

{

"id": 2,

"po\_number": "PO-12345",

"order\_date": "2024-05-10T12:00:00Z",

"delivery\_date": "2024-05-20T12:00:00Z",

"items": [

"Item 1",

"Item 2"

],

"quantity": 10,

"status": "completed",

"quality\_rating": 4.5,

"issue\_date": "2024-05-05T12:00:00Z",

"acknowledgment\_date": "2024-05-02T11:50:53.739695Z",

"has\_issues": false,

"vendor": 6

},

{

"id": 3,

"po\_number": "PO-123",

"order\_date": "2024-05-05T12:00:00Z",

"delivery\_date": "2024-05-10T12:00:00Z",

"items": [

"Item 1",

"Item 2"

],

"quantity": 10,

"status": "pending",

"quality\_rating": null,

"issue\_date": "2024-05-08T07:05:35.301283Z",

"acknowledgment\_date": null,

"has\_issues": false,

"vendor": 6

}

]

Description:

* + All API will contain message, data and status.
  + Message: It contains the success message or error message.
  + Data: It will contain response data from Database. It can be object or arrayof objects
  + po\_number
  + vendor
  + order\_date
  + delivery\_date
  + items
  + quantity
  + status

2.3 Endpoints : GET/api/purchase\_orders/

Example : http://127.0.0.1:8000/api/purchase\_orders/

Response :

[

{

"id": 2,

"po\_number": "PO-12345",

"order\_date": "2024-05-10T12:00:00Z",

"delivery\_date": "2024-05-20T12:00:00Z",

"items": [

"Item 1",

"Item 2"

],

"quantity": 10,

"status": "completed",

"quality\_rating": 4.5,

"issue\_date": "2024-05-05T12:00:00Z",

"acknowledgment\_date": "2024-05-02T11:50:53.739695Z",

"has\_issues": false,

"vendor": 6

},

{

"id": 3,

"po\_number": "PO-123",

"order\_date": "2024-05-05T12:00:00Z",

"delivery\_date": "2024-05-10T12:00:00Z",

"items": [

"Item 1",

"Item 2"

],

"quantity": 10,

"status": "pending",

"quality\_rating": null,

"issue\_date": "2024-05-08T07:05:35.301283Z",

"acknowledgment\_date": null,

"has\_issues": false,

"vendor": 6

}

]

Description:

* + All API will contain message, data and status.
  + Message: It contains the success message or error message.
  + Data: It will contain response data from Database. It can be object or arrayof objects
  + po\_number
  + vendor
  + order\_date
  + delivery\_date
  + items
  + quantity
  + status

2.4 Endpoints : PUT/api/purchase\_orders/2/

Example : http://127.0.0.1:8000/api/purchase\_orders/2/

Response :

{

"id": 2,

"po\_number": "PO-12345",

"order\_date": "2024-05-10T12:00:00Z",

"delivery\_date": "2024-05-20T12:00:00Z",

"items": [

"Item 1",

"Item 2"

],

"quantity": 10,

"status": "completed",

"quality\_rating": 4.5,

"issue\_date": "2024-05-05T12:00:00Z",

"acknowledgment\_date": "2024-05-06T12:00:00Z",

"has\_issues": false,

"vendor": 6

}Description:

* + All API will contain message, data and status.
  + Message: It contains the success message or error message.
  + Data: It will contain response data from Database. It can be object or arrayof objects
  + po\_number
  + vendor
  + order\_date
  + delivery\_date
  + items
  + quantity
  + Status

# 3. AcknowledgePurchaseOrder-API

3.1 Endpoint : POST/api/purchase\_orders/2/acknowledge/

Response :

{

"message": "Purchase order acknowledged successfully"

}

Descrpition :

* + All API will contain message, data and status.
  + Message: It contains the success message or error message.

# 4. VendorPerformance-API

4.1 Endpoint :GET /api/vendors/6/performance/

Example : http://127.0.0.1:8000/api/vendors/6/performance/

Response :

{

"on\_time\_delivery\_rate": 0.0,

"quality\_rating\_avg": 4.5,

"average\_response\_time": 242989.755202,

"fulfillment\_rate": 100.0

}

Descrpition:

* + All API will contain message, data and status.
  + Message: It contains the success message or error message.
  + Data: It will contain response data from Database. It can be object or array of objects
  + on\_time\_delivery\_rate
  + quality\_rating\_avg
  + average\_response\_time
  + fulfillment\_rate