**VENDOR MANAGEMENT API DOCUMENTATION**

**User Authentication**

**Register**

request method: POST

endpoint: http://127.0.0.1:8000/app1/api/register/

Request Body: User registration details (username,password)

Description: Endpoint for user registration.

Status Code:

201 Created: User registered successfully

400 Bad Request: Invalid request or missing required fields

409 Conflict: User already exists

**Login**

request method: POST

endpoint: http://127.0.0.1:8000/app1/api/login/

Request Body: User login credentials (username, password)

Description: Endpoint for user login.

Status Code:

200 OK: Login successful

400 Bad Request: Invalid credentials

401 Unauthorized: Unauthorized access

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**Refresh Token**

request method: POST

endpoint: http://127.0.0.1:8000/app1/token/refresh/

Request Body: Token details (access token, refresh token)

Description: Endpoint to refresh authentication tokens.

Status Code:

200 OK: Tokens refreshed successfully

400 Bad Request: Invalid token data

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**Vendor LIST**

**Creating New Vendor**

request method: POST

endpoint: http://127.0.0.1:8000/app1/api/vendors/

Description: create a new vendor.

Request Headers: Authorization token (Bearer token)

Status Code:

200 OK: Metrics retrieved successfully

401 Unauthorized: Unauthorized access

400 Bad Request: Invalid Credentials

**Getting list of Vendor**

request method: GET

endpoint: http://127.0.0.1:8000/app1/api/vendors/

Description: Get a list of vendors.

Request Headers: Authorization token (Bearer token)

Status Code:

200 OK: Metrics retrieved successfully

401 Unauthorized: Unauthorized access

404 Not Found: Data Not found

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**Vendor Detail**

**Getting detail of specific vendor**

request method: GET

endpoint: http://127.0.0.1:8000/app1/api/vendors/<int:id>/

Description: Get detail of specific vendor.

Status Code:

200 OK: Metrics retrieved successfully

401 Unauthorized: Unauthorized access

404 Not Found: Data Not found

**Updating detail of specific vendor**

request method: PUT

endpoint: http://127.0.0.1:8000/app1/api/vendors/<int:id>/

Description: Update detail of the specific vendor

Status Code:

200 OK: Metrics retrieved successfully

401 Unauthorized: Unauthorized access

400 Bad Request: Invalid Credentials

**Deleting detail of specific vendor**

request method: DELETE

endpoint: http://127.0.0.1:8000/app1/api/vendors/<int:id>/

Description: Delete detail of the specifuc vendor

Status Code:

204 No Content: Deleted successfully

401 Unauthorized: Unauthorized access

404 Not Found: Data Not Found

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**PURCHASE Order**

**Getting purchase order**

request method: GET

endpoint: http://127.0.0.1:8000/app1/api/purchase\_orders/

Description: List all the purchase order with option to filter by vendor.

Request Headers: Authorization token (Bearer token)

Query Parameter: vendor: (Optional) ID of the vendor for filtering Purchase Orders by vendor. If provided, returns Purchase Orders associated with the specified vendor.

Status Code:

200 OK: Metrics retrieved successfully

401 Unauthorized: Unauthorized access

404 Not Found: Data Not found

**Creating a new purchase order**

request method: POST

endpoint: http://127.0.0.1:8000/app1/api/purchase\_orders/

Description: create a new purchase order.

Request Headers: Authorization token (Bearer token)

Status Code:

200 OK: Metrics retrieved successfully

401 Unauthorized: Unauthorized access

400 Bad Data Request: Invalid credentials

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**Purchase Order DetailView**

**Retriving details of specific purchase order**

request method: GET

endpoint: http://127.0.0.1:8000/app1/api/purchase\_orders/<str:po\_number>/

Description: Retrieve details of specific purchase order

Request Headers: Authorization token (Bearer token)

Status Code:

200 OK: Metrics retrieved successfully

401 Unauthorized: Unauthorized access

404 Not Found: Data Not found

**Updating purchasing order**

request method: PUT

endpoint: http://127.0.0.1:8000/app1/api/purchase\_orders/<str:po\_number>/

Description: Update a purchase Order

Request Headers: Authorization token (Bearer token)

Status Code:

200 OK: Metrics retrieved successfully

401 Unauthorized: Unauthorized access

400 Bad request: Invalid Credentials

**Deleting purchase order**

request method: DELETE

endpoint: http://127.0.0.1:8000/app1/api/purchase\_orders/<str:po\_number>/

Description: Delete a purchase Order

Request Headers: Authorization token (Bearer token)

Status Code:

204 No Content: Data Deleted successfully

401 Unauthorized: Unauthorized access

404 Not Found: Data Not Found

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**Vendor Performance**

**Getting vendor performance**

request method: GET

endpoint: http://127.0.0.1:8000/app1/api/vendors/<int:id>/performance/

Description: Retrieve vendor performance metrices

Request Headers: Authorization token (Bearer token)

Status Code:

200 OK: Metrics retrieved successfully

401 Unauthorized: Unauthorized access

404 Not Found: Dta Not Found