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**GitHub**

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| GitHub repository link: | <https://github.com/Ronit-Shahi-Developer/onlinepajak> |

**Application Design**

1. First Page:

I’m using Restful API with Django template, the first link for the application is:

<http://127.0.0.1:8000/api/check_vendor/>

(Note: Port might vary)

Graphical user interface, application

Description automatically generated

Fig 1: Display First Page

The first page of the application is displayed in above figure.

Graphical user interface, application

Description automatically generated

Fig 2: Check Third party company

Above image illustrates to check if the vendor company is in the system or not, assuming that vendor can also be a company.

Graphical user interface, text, application

Description automatically generated

Fig 3: Vendor company exist

If the vendor company exist in the system, above message and content is displayed.

Graphical user interface, text, application

Description automatically generated

Fig 4: Vendor company does not exist

If the vendor company does not exist, above message is displayed.

Graphical user interface, text, application, Word, email

Description automatically generated

Fig 5: Checking relation between Pt Uwais and Pt hidayanto tbk

Above figure shows, checking relation between company and vendor.

Graphical user interface, text, application, email

Description automatically generated

Fig 6: Relation

Second link : <http://127.0.0.1:8000/api/transaction/>

Displays transactional relation between vendor and company.

1. **API endpoints (Also checking on Postman)**

**a.**

|  |  |
| --- | --- |
| **GET /api/check\_vendor/** | |
| Allow: | POST, GET |
| Content-Type: | Application/json |

Graphical user interface, text, application, email

Description automatically generated

**The api doesn’t return anything. This api has been only used to display form.**

**b.**

|  |  |
| --- | --- |
| **POST /api/check\_vendor/** | |
| Allow: | POST, GET |
| Content-Type: | Application/json |

Graphical user interface, text, application, email

Description automatically generated

This endpoint returns context message and vendor name.

C.

|  |  |
| --- | --- |
| **POST api/transaction/** | |
| Allow: | POST, GET |
| Content-Type: | Application/json |

Graphical user interface, text, application

Description automatically generated

This endpoint returns company name, vendor name and total transaction between them.