Installation Guide

To run the first application do the following step by step:

1. pip install django-cors-headers
2. pip install -U django-rest-knox
3. Install other necessary modules if you see “modulenotfounderror: no module named '<moduleName>'”
4. To install the modules use “pip install moduleName”
5. cd to the directory **RESTapp** and type command “**python manage.py runserver”** in the terminal.
6. Once you see the server running
7. Visit <http://127.0.0.1:8000/api/auth/register> to register user.
8. Enter unique username, email and password in the form.
9. After registering you will get a token that will authenticate you to create, update, post and delete.
10. In our case, only the user with authentication token can create, update and delete the racks but user without authentication token can only read the racks id and its size.

Graphical user interface, text, application, email

Description automatically generated

1. In order to use the token for CRUD in the racks API, you can use Postman application which validates the token and allows you to implement CRUD on racks.

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1. Visit <http://127.0.0.1:8000/api/auth/login> for logging and getting new token in case you forget.
2. Visit <http://127.0.0.1:8000/> to get the list of APIs and implement CRUD in those APIs. Note that only user with the authentication token can only implement CRUD in the racks api.

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1. For Admin Access, visit <http://127.0.0.1:8000/admin/> The Username is admin and Password is also admin. You can manage users, groups, models, and authentication tokens in the admin site.