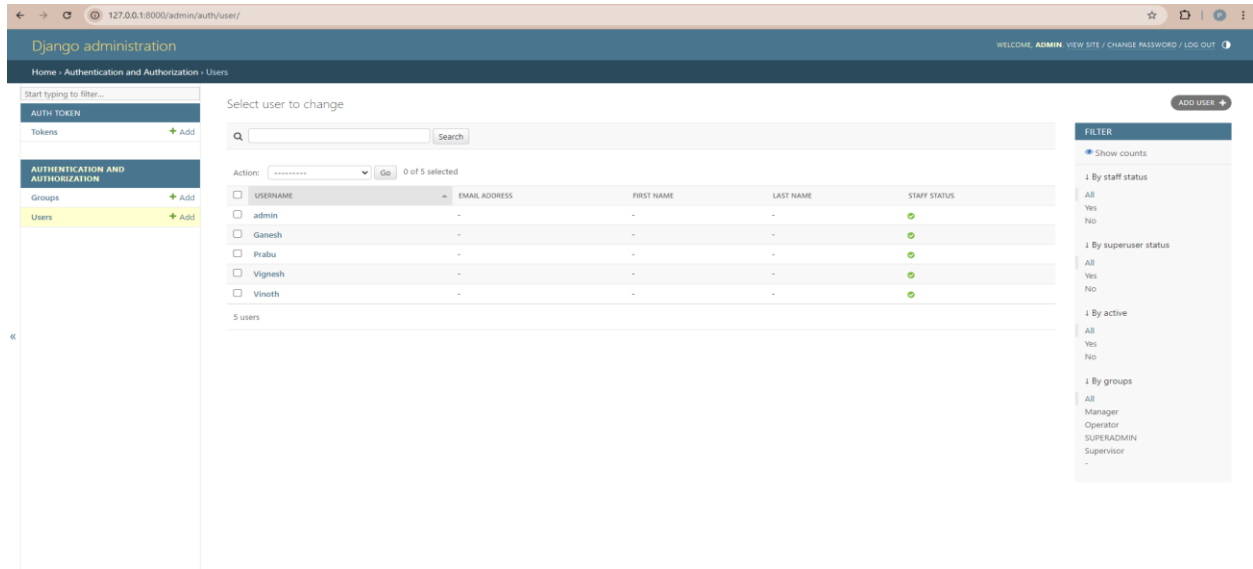


1. I Have created the Django admin username: admin pass :admin@123 and I am created the 4 users based on that User groups



I have created the machine data based on Django models and datas are inserted into based on part 1 assignment requirement.

Query public.api_machine/machine_data/postgres@PostgreSQL 16

Query Query History

```
1 SELECT * FROM public.api_machine
2 ORDER BY id ASC
```

Scratch Pad

Data Output Messages Notifications

	id [PK] bigint	machine_id bigint	machine_name character varying (100)	tool_capacity integer	tool_offset double precision	feedrate double precision	tool_in_use integer
1	1	81258857	EMPX1	24	32.22737664414299	11389	14
2	2	81258858	EMPX2	24	20.676790431438988	16571	11
3	3	81258859	EMPX3	24	33.8102626579076	10345	17
4	4	81258860	EMPX4	24	25.439983498958107	18374	4
5	5	81258861	EMPX5	24	17.491891046413574	18492	5
6	6	81258862	EMPX6	24	28.783127754484134	15590	12
7	7	81258863	EMPX7	24	22.090824000723906	13476	23
8	8	81258864	EMPX8	24	28.342486216005618	17770	14
9	9	81258865	EMPX9	24	18.908271514602284	14630	4
10	10	81258866	EMPX10	24	5.228130110897544	17148	14
11	11	81258867	EMPX11	24	22.450260971603623	10589	5
12	12	81258868	EMPX12	24	5.36043853650145	18055	2
13	13	81258869	EMPX13	24	39.155042420667655	15217	9
14	14	81258870	EMPX14	24	8.460862119584192	13282	9
15	15	81258871	EMPX15	24	29.362662093202026	12176	7
16	16	81258872	EMPX16	24	29.167203256160164	12932	19
17	17	81258873	EMPX17	24	8.379230819634678	18401	8
18	18	81258874	EMPX18	24	25.836182167792703	14925	18
19	19	81258875	EMPX19	24	37.64645380417549	14312	10
20	20	81258876	EMPX20	24	7.019554345566005	16175	14

Now in this url <http://127.0.0.1:8000/api/machines/> its showing the all machine datas

The screenshot shows a REST client interface with the following details:

- URL:** `http://127.0.0.1:8000/api/machines/`
- Method:** GET
- Auth Type:** Bearer Token
- Token:** `eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ...`
- Response Status:** 200 OK
- Response Time:** 35 ms
- Response Size:** 3.09 KB
- Response Format:** JSON
- Response Body:** A large JSON array containing 19 machine objects. Each object has fields: `id`, `machine_id`, `machine_name`, `tool_capacity`, `tool_offset`, `feedrate`, and `tool_in_use`.

Now in this url <http://127.0.0.1:8000/api/machines/19> displaying the only 19 th machine value

The screenshot shows a REST client interface with the following details:

- URL:** `http://127.0.0.1:8000/api/machines/19`
- Method:** GET
- Auth Type:** Bearer Token
- Token:** `eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ...`
- Response Status:** 200 OK
- Response Time:** 35 ms
- Response Size:** 465 B
- Response Format:** JSON
- Response Body:** A single JSON object representing the 19th machine. The fields are: `id`: 19, `machine_id`: 81258875, `machine_name`: "EMPX19", `tool_capacity`: 24, `tool_offset`: 37.64645388417549, `feedrate`: 14312.0, and `tool_in_use`: 10.

Next I am updating the values in Prabu – superadmin login in this url <http://127.0.0.1:8000/api/machines/19/> using update method

The screenshot shows a REST client interface with the following details:

- URL:** `http://127.0.0.1:8000/api/machines/19/`
- Method:** PUT
- Auth Type:** Bearer Token
- Token:** `eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ...`
- Body:** A JSON object with the following fields:

```
{  "id": 19,  "machine_id": 81258875,  "machine_name": "EMPK19",  "tool_capacity": 24,  "tool_offset": 37.64645388417549,  "feedrate": 14312.8,  "tool_in_use": 12}
```
- Response:** 200 OK, 39 ms, 465 B

Here I attach the updated value showing get method

The screenshot shows a REST client interface with the following details:

- URL:** `http://127.0.0.1:8000/api/machines/19`
- Method:** GET
- Auth Type:** Bearer Token
- Token:** `eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ...`
- Body:** A JSON object with the following fields:

```
{  "id": 19,  "machine_id": 81258875,  "machine_name": "EMPK19",  "tool_capacity": 24,  "tool_offset": 37.64645388417549,  "feedrate": 14312.8,  "tool_in_use": 12}
```
- Response:** 200 OK, 43 ms, 465 B