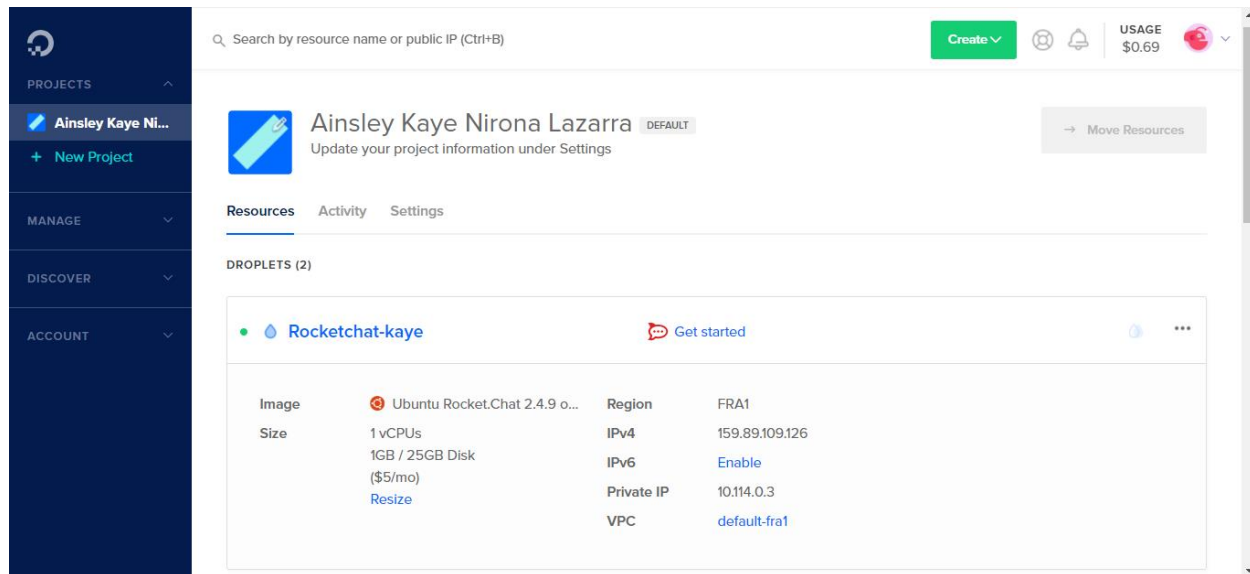
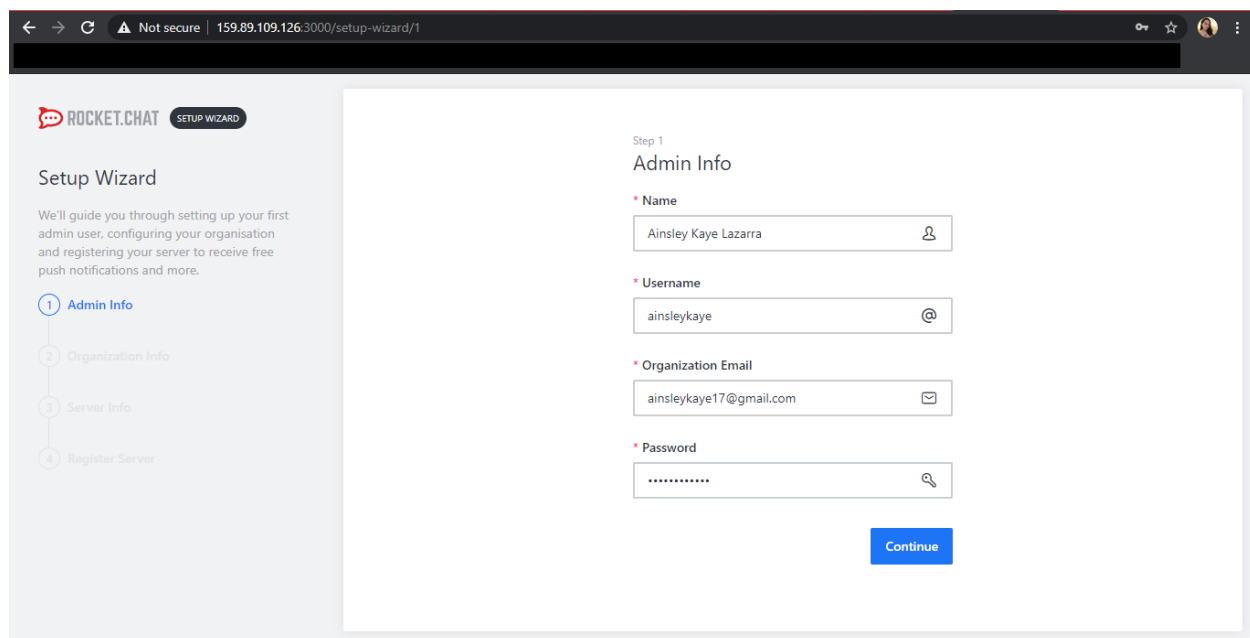


Deploy Rocket.Chat server instance

1. I accessed the DigitalOcean website and created my own account.
2. Using the documentation: <https://docs.rocket.chat/installation/paas-deployments/digitalocean>, I clicked on the 1-click install button to install Rocket.Chat from the Marketplace.
3. After finalizing the details, I clicked Create Droplet and I was able to install the Rocket.Chat



4. I was able to access Rocket.Chat using ***http:// 159.89.109.126/3000*** and I was directed to the Setup Wizard



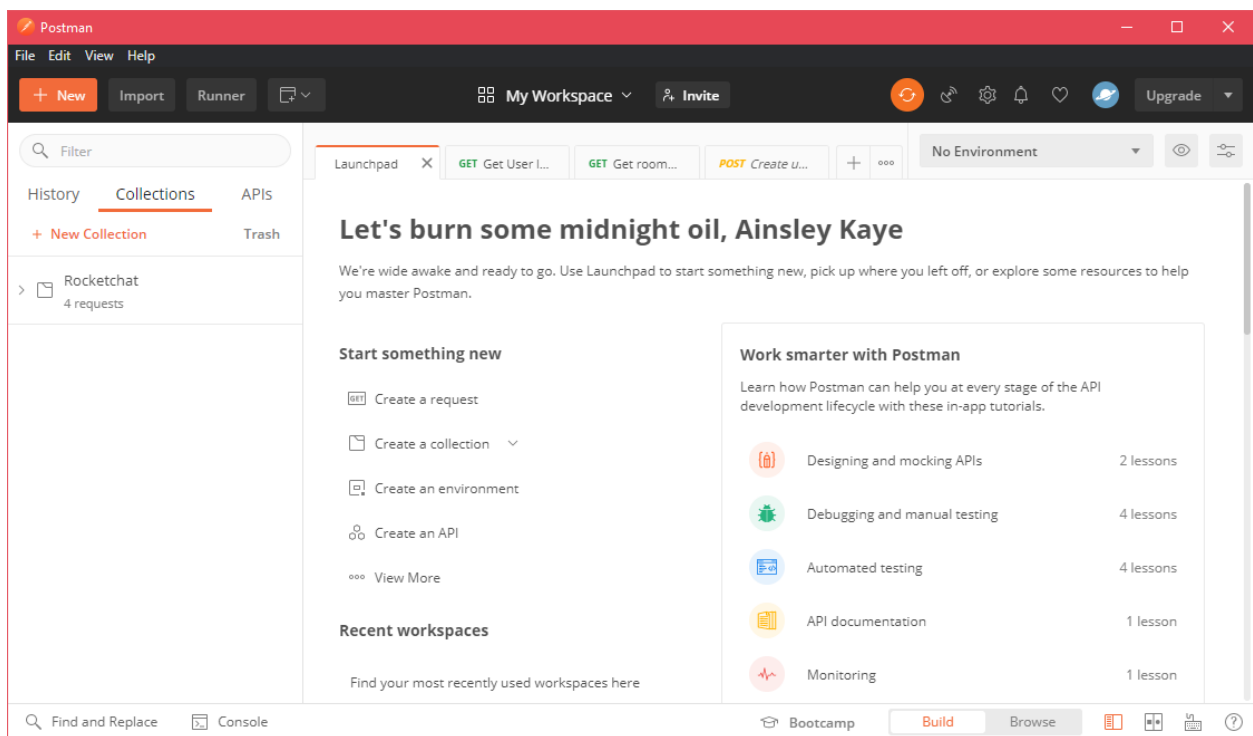
Rocket.Chat login

Username: ainsleykaye

Password: 1725iloveyou

Rocket.Chat APIs test

I installed Postman platform for the API test.



Then I created a Personal Access Token. I navigated to **My Account > Personal Access Tokens >** Entered *privateaccesstoken* in **Personal access tokens to REST API** field > Click **Add**.

Token: 4S8qVEDBseSwvEY0LU-aeAehdC9iQRD2k8cgZnxKaX9

Your user Id: AA5tCH4obDibe2NpN

A. Create a new user via an API endpoint

Followed details in <https://docs.rocket.chat/api/rest-api/methods/users/create>

HTTP Method: Post

Endpoint: <http://159.89.109.126:3000/api/v1/users.create>

Headers:

Content-type: application/json

X-Auth-Token: 4S8qVEDBseSwvEY0LU-aeAehdC9iQRD2k8cgZnxKaX9

X-User-Id: AA5tCH4obDibe2NpN

Body:

```
{
  "name": "Jane Doe2",
  "email": "janedoe3@mailinator.com",
  "password": "janedoe2password",
  "username": "janedoe2"
}
```

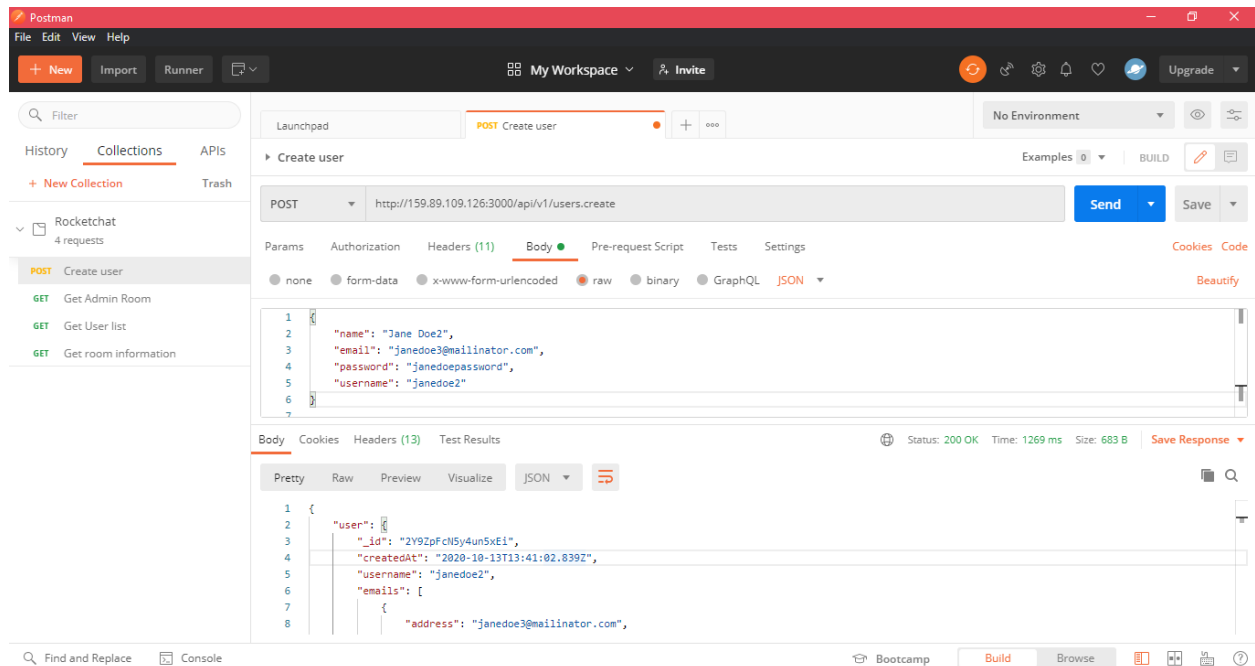
Results:

```
{
  "user": {
    "_id": "2Y9ZpFcN5y4un5xEi",
    "createdAt": "2020-10-13T13:41:02.839Z",
```

```
    "username": "janedoe2",
    "emails": [
      {
        "address": "janedoe3@mailinator.com",
        "verified": false
      }
    ],
    "type": "user",
    "status": "offline",
    "active": true,
    "_updatedAt": "2020-10-13T13:41:03.052Z",
    "roles": [
      "user"
    ],
    "name": "Jane Doe2",
    "settings": {}
  },
  "success": true
}
```

Users

<div><div></div><div>Search</div></div>					
SHOWING 7 RESULTS					
Name		Username	Email	Roles	Status
<div>A</div>	Ainsley Kaye Lazarra	ainsleykaye	ainsleykaye17@gmail.com	admin	online
<div>J</div>	Jane Doe	janedoe1	janedoe2@mailinator.com	user	offline
<div>J</div>	Jane Doe2	janedoe2	janedoe3@mailinator.com	user	offline



B. Get the room information via an API endpoint.

Followed details in <https://docs.rocket.chat/api/rest-api/methods/rooms/info>

On the Rocket.Chat platform, I created a room named **testroom** by navigating to **Create New > Channel**.

HTTP Method: Get

Endpoint: <http://159.89.109.126:3000/api/v1/rooms.info>

Headers:

X-Auth-Token: 4S8qVEDBseSwvEY0LU-aeAehdC9iQRD2k8cgZnxKaX9

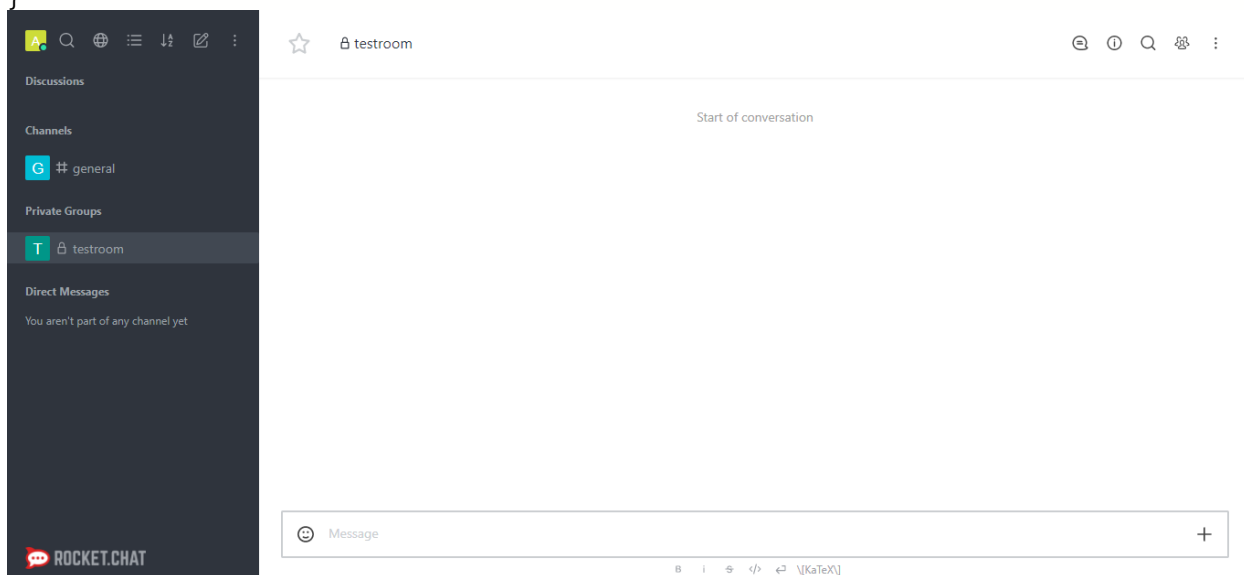
X-User-Id: AA5tCH4obDibe2NpN

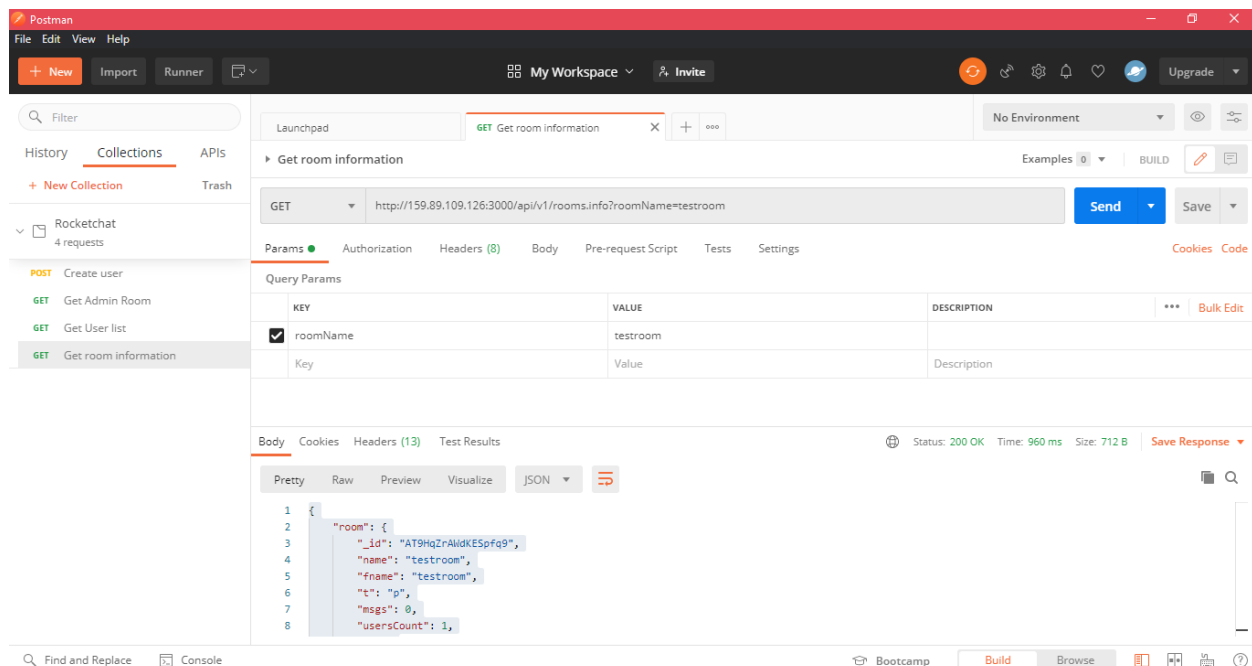
Params:

roomName = testroom

Results:

```
{
  "room": {
    "_id": "AT9HqZrAWdKESpfq9",
    "name": "testroom",
    "fname": "testroom",
    "t": "p",
    "msgs": 0,
    "usersCount": 1,
    "u": {
      "_id": "AA5tCH4obDibe2NpN",
      "username": "ainsleykaye"
    },
    "customFields": {},
    "broadcast": false,
    "encrypted": false,
    "ts": "2020-10-13T11:50:05.764Z",
    "ro": false,
    "sysMes": true,
    "default": false,
    "_updatedAt": "2020-10-13T11:50:05.790Z"
  },
  "success": true
}
```





C. Get a list of all user roles in the system via an API endpoint

Followed details in <https://docs.rocket.chat/api/rest-api/methods/roles/list#example-result>

HTTP Method: Get

Endpoint: <http://159.89.109.126:3000/api/v1/roles.list>

Headers:

X-Auth-Token: 4S8qVEDBseSwvEY0LU-aeAehdC9iQRD2k8cgZnxKaX9

X-User-Id: AA5tCH4obDibe2NpN

Results:

```

{
  "roles": [

```

```
{
  "_id": "admin",
  "description": "Admin",
  "mandatory2fa": false,
  "protected": true,
  "scope": "Users"
},
{
  "_id": "moderator",
  "description": "Moderator",
  "mandatory2fa": false,
  "protected": true,
  "scope": "Subscriptions"
},
{
  "_id": "leader",
  "description": "Leader",
  "mandatory2fa": false,
  "protected": true,
  "scope": "Subscriptions"
},
{
  "_id": "owner",
  "description": "Owner",
  "mandatory2fa": false,
  "protected": true,
  "scope": "Subscriptions"
},
{
  "_id": "user",
  "description": "",
  "mandatory2fa": false,
  "protected": true,
  "scope": "Users"
},
{
  "_id": "bot",
  "description": "",
  "mandatory2fa": false,
  "protected": true,
  "scope": "Users"
},
{
  "_id": "guest",
  "description": "",
  "mandatory2fa": false,
  "protected": true,
  "scope": "Users"
}
```



```
    },
    {
      "_id": "anonymous",
      "description": "",
      "mandatory2fa": false,
      "protected": true,
      "scope": "Users"
    },
    {
      "_id": "livechat-agent",
      "description": "Livechat Agent",
      "mandatory2fa": false,
      "protected": true,
      "scope": "Users"
    },
    {
      "_id": "livechat-manager",
      "description": "Livechat Manager",
      "mandatory2fa": false,
      "protected": true,
      "scope": "Users"
    }
  ],
  "success": true
}
```

