

POSTMAN

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4A-Informatika

Apa itu Postman?

Postman adalah sebuah platform kolaborasi yang digunakan untuk pengembangan dan pengujian API (Application Programming Interface). Awalnya, Postman dikenal sebagai alat yang berbasis di Chrome, tetapi sekarang sudah berkembang menjadi aplikasi mandiri yang kuat dengan berbagai fitur.

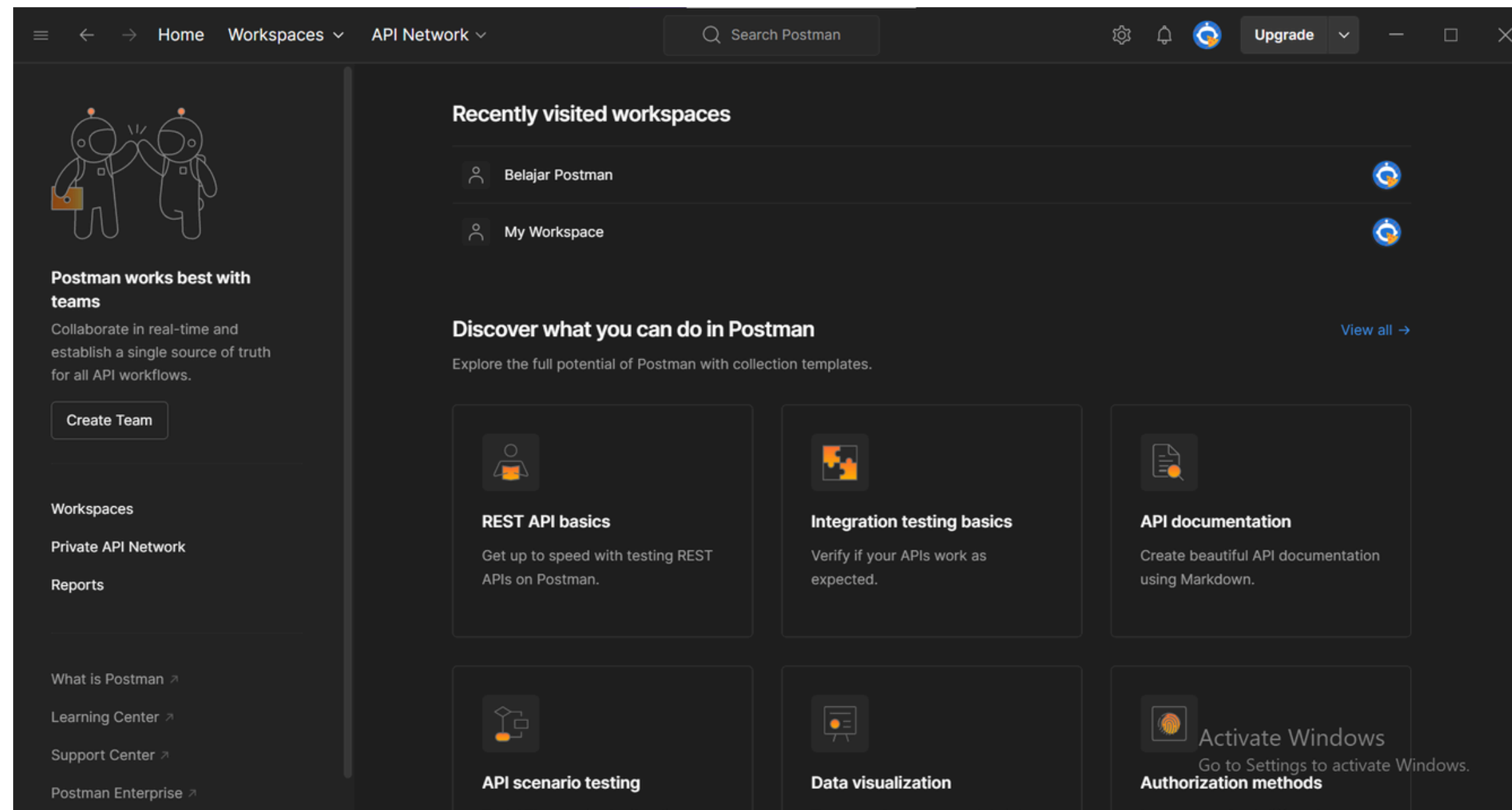
Postman mengirim permintaan API ke server web dan menerima respons, apa pun itu. Tidak ada pekerjaan tambahan atau pengaturan kerangka kerja yang diperlukan saat mengirim dan menerima permintaan di Postman. Banyak digunakan oleh Penguji dan Pengembang untuk pengujian aplikasi yang lebih baik. Mudah diintegrasikan dengan Continuous Integration (CI) & Continuous Development Pipeline Anda.



Testing API Sederhana

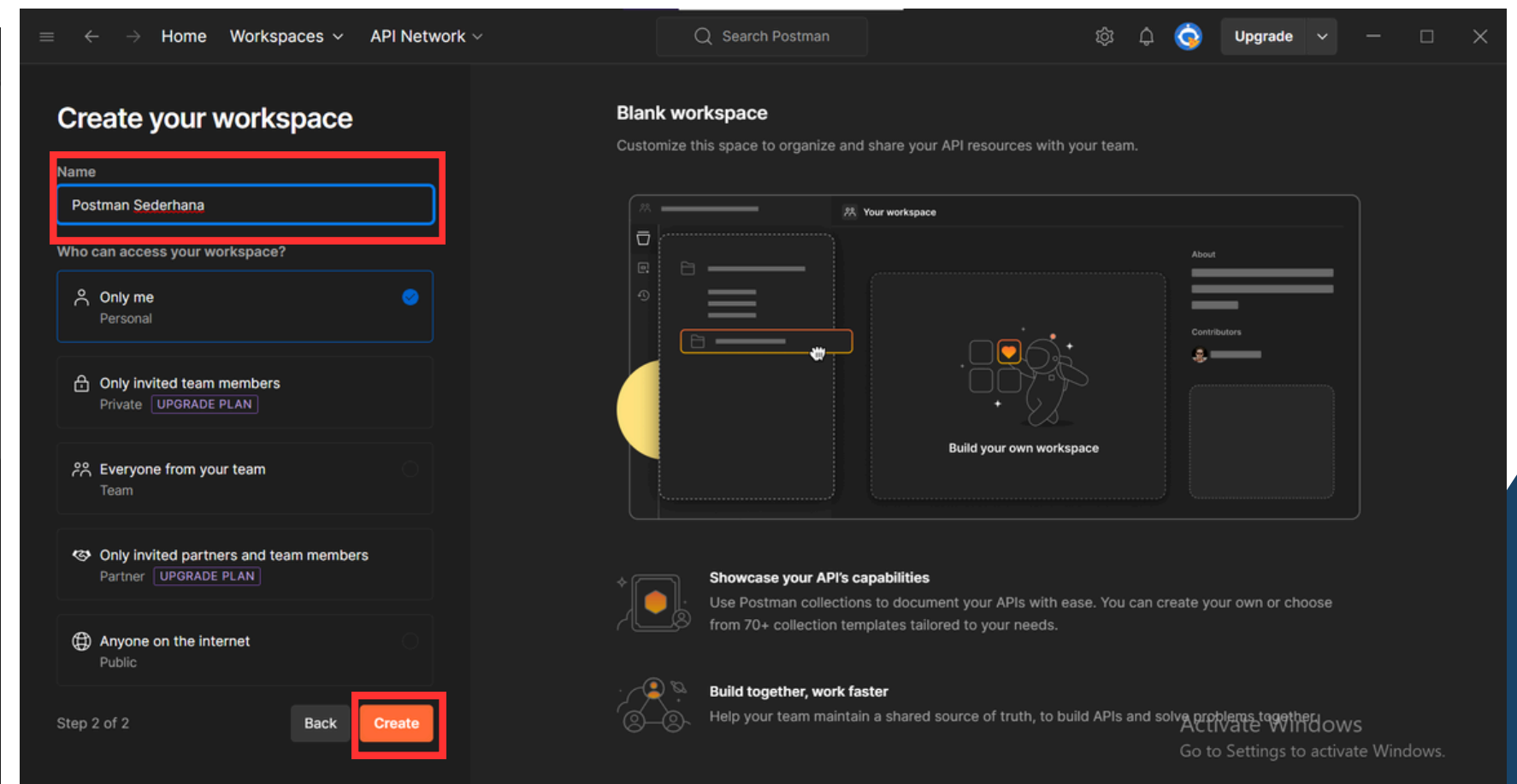
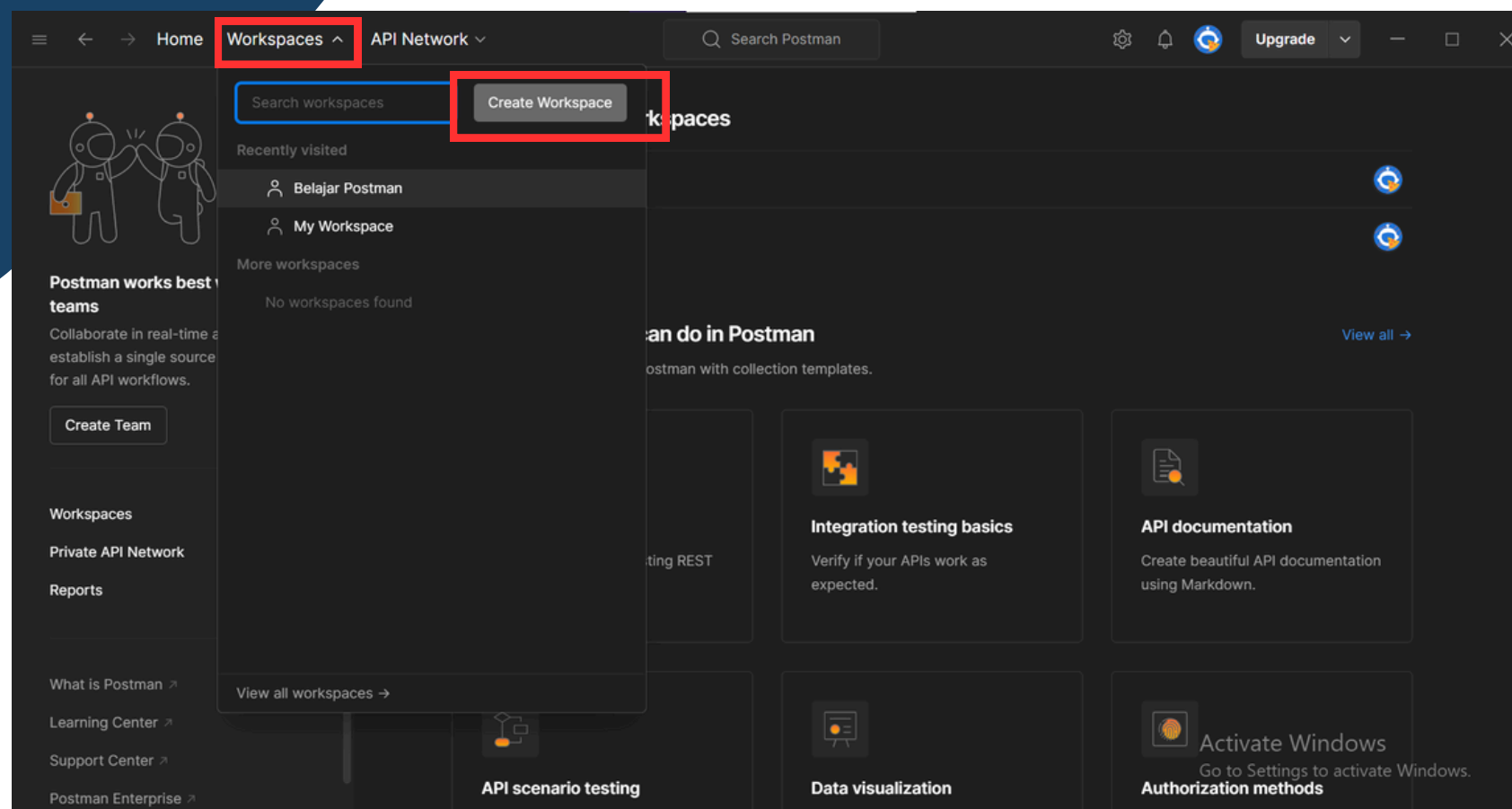
- GET
- POST
- PUT
- DELETE

Testing API Sederhana



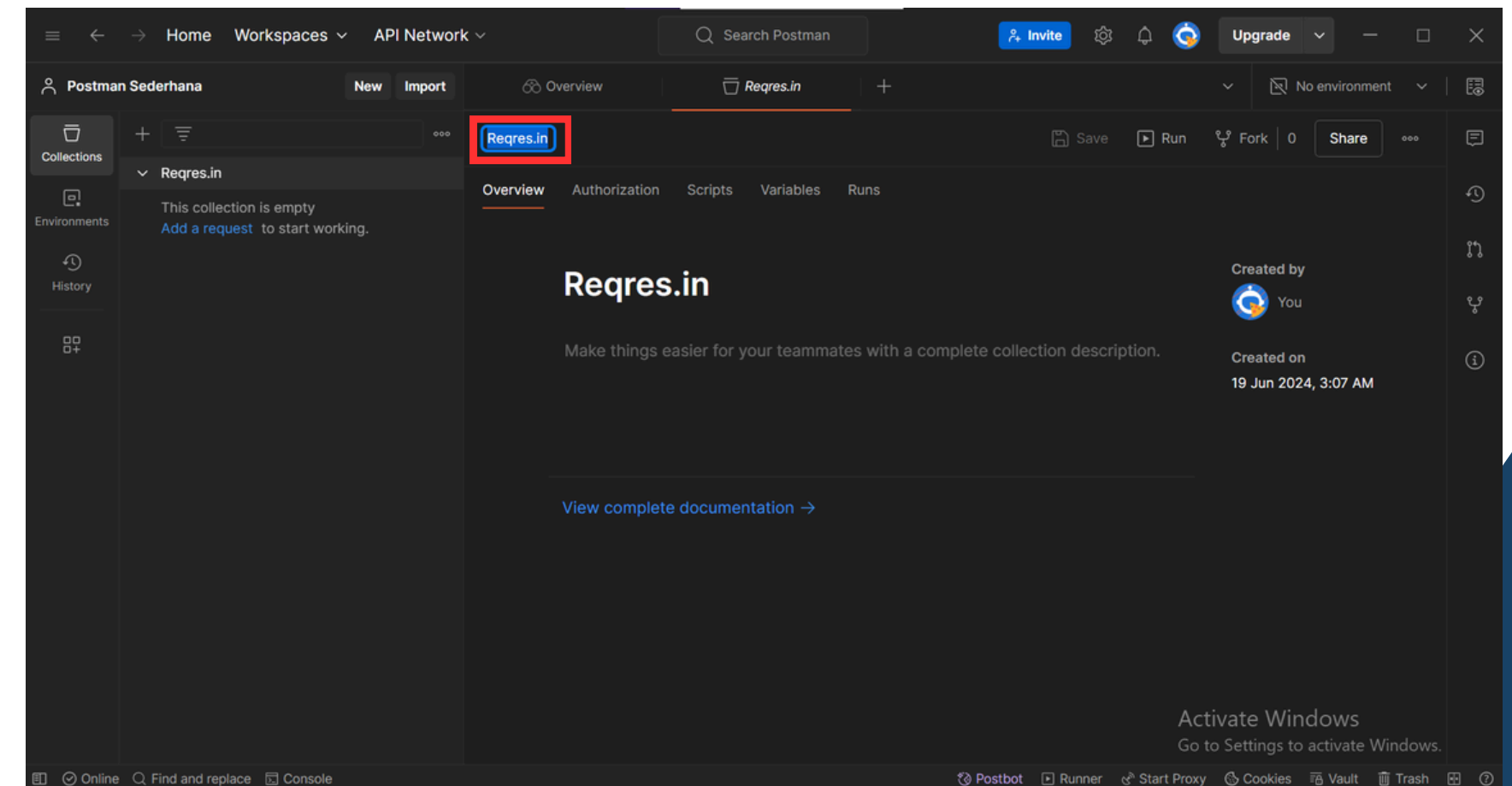
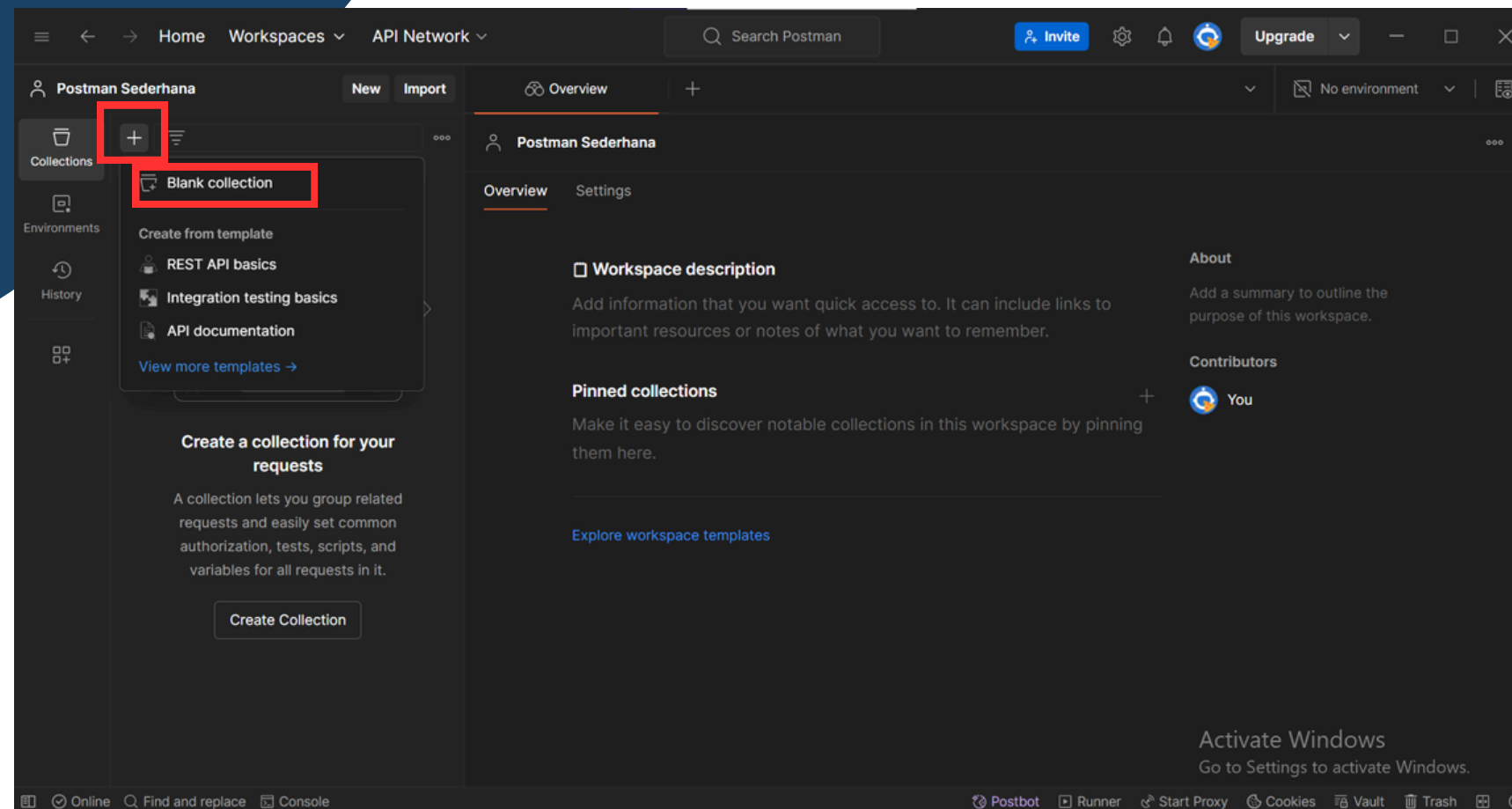
Tampilan awal ketika membuka aplikasi postman

Testing API Sederhana



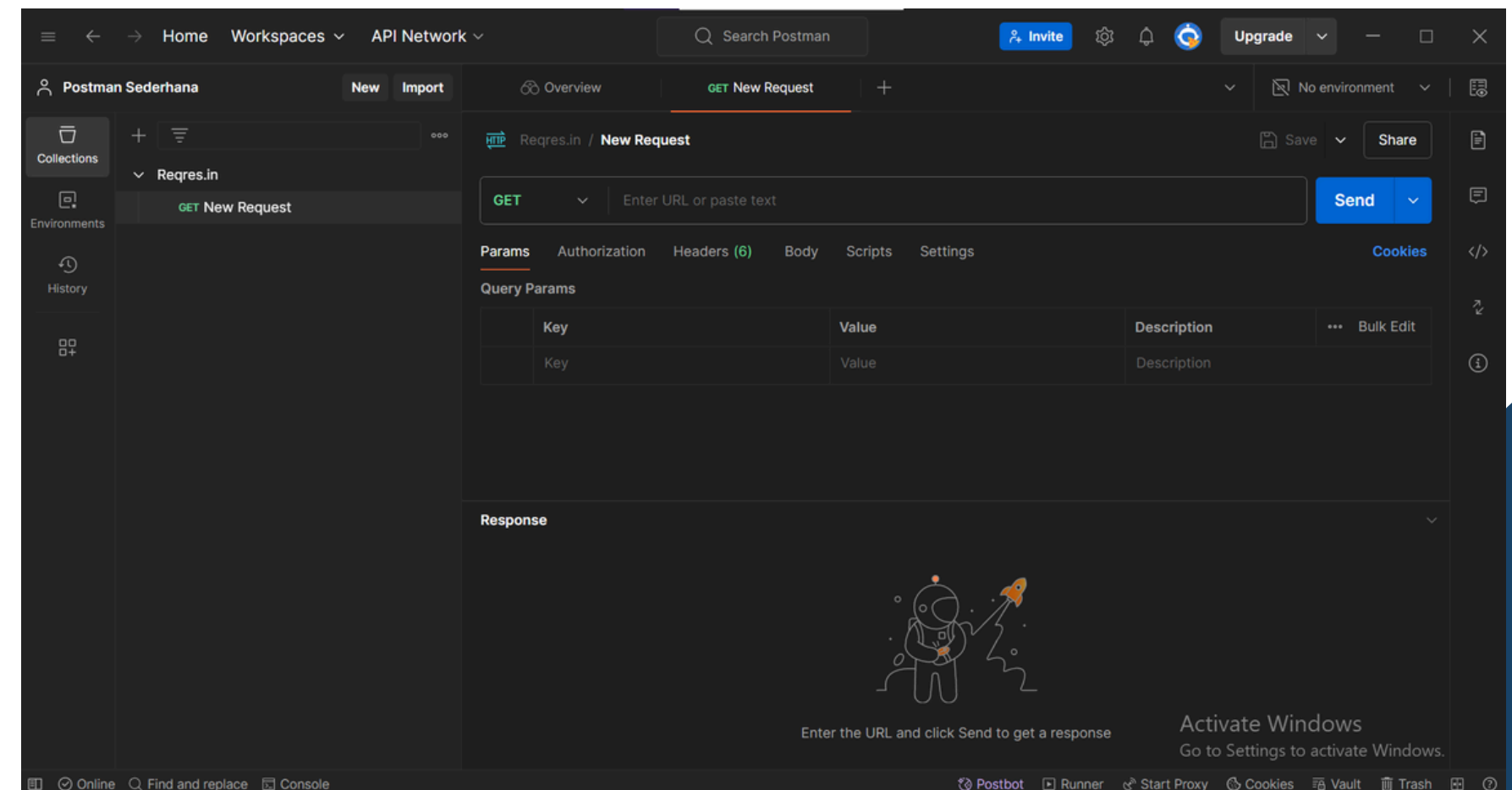
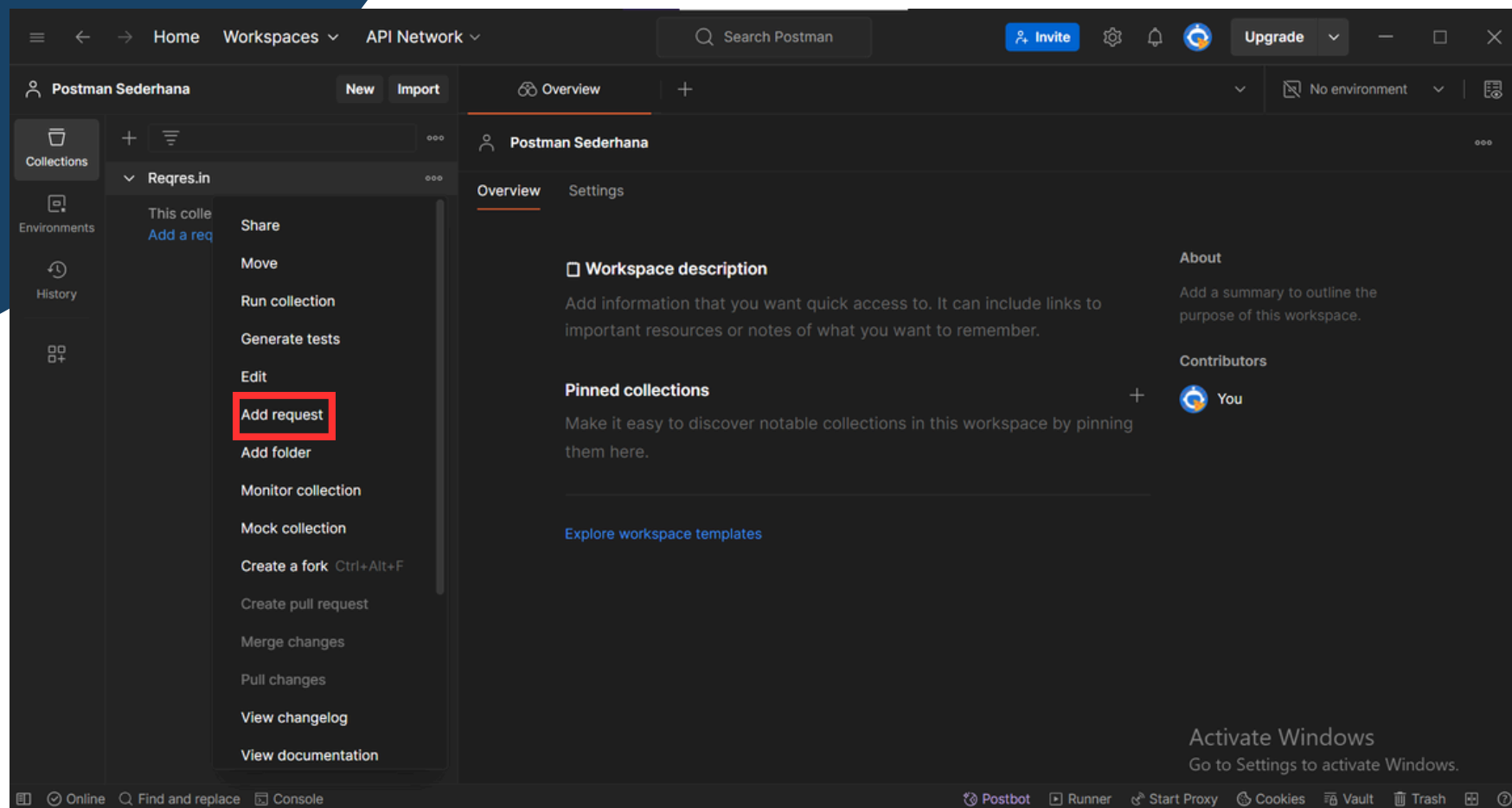
Membuat Workspace Terlebih Dahulu

Testing API Sederhana



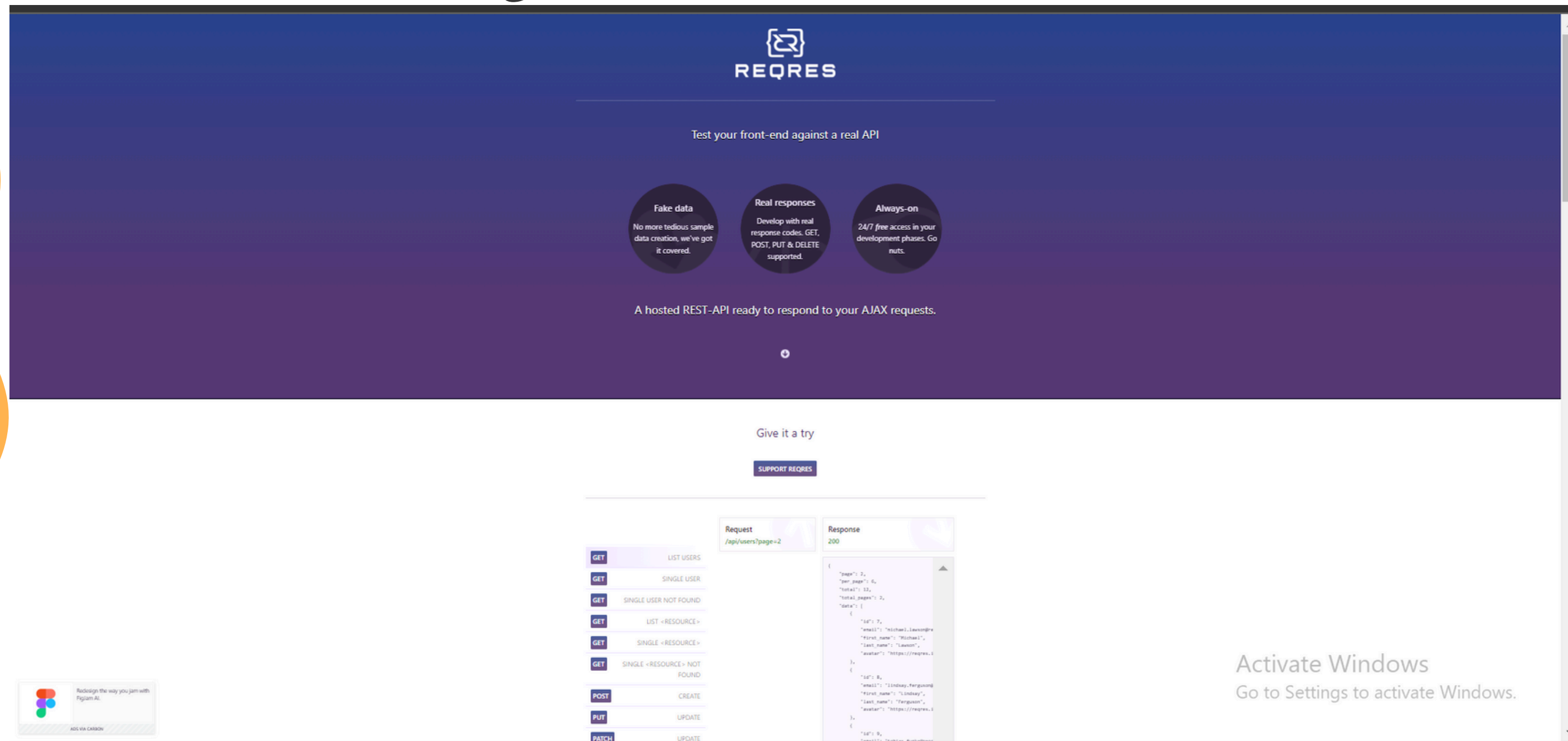
Membuat Collection Untuk
Mengumpulkan Beberapa Testing API
Pada Website Reqres.in

Testing API Sederhana



Membuat Request Untuk Melakukan Pengujian API

Testing API Sederhana



Kita akan menggunakan website reqres.in untuk melakukan pengujian API, website dummy yang digunakan untuk melakukan tes API

Testing API Sederhana

- GET

The screenshot displays the Postman Sederhana application interface. The top navigation bar includes links for Home, Workspaces, and API Network, along with a search bar and an 'Upgrade' button. The left sidebar shows the 'Postman Sederhana' workspace with options to 'New' or 'Import' a collection. The main area is divided into two sections: the top section shows the request details, and the bottom section shows the response body.

Request Details:

- Method: GET
- URL: <https://reqres.in/api/users?page=2>
- Params: Query Params (page=2)
- Body: Empty
- Headers: 18
- Test Results: 200 OK, 132 ms, 1.91 KB

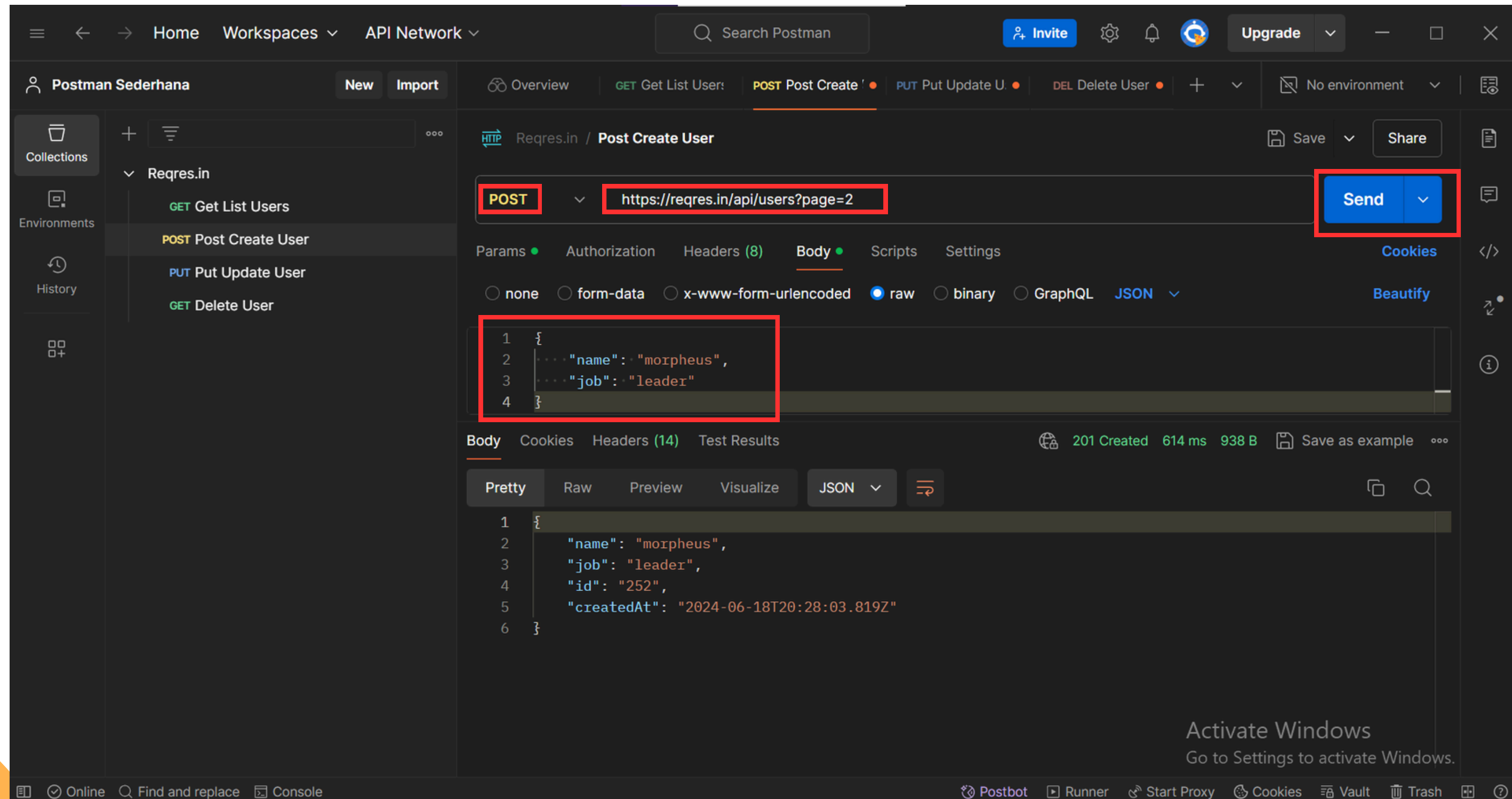
Response Body (JSON):

```
{
  "page": 2,
  "per_page": 6,
  "total": 12,
  "total_pages": 2,
  "data": [
    {
      "id": 7,
      "email": "michael.lawson@reqres.in",
      "first_name": "Michael",
      "last_name": "Lawson",
      "avatar": "https://reqres.in/img/faces/7-image.jpg"
    }
  ]
}
```

The interface also includes a bottom status bar with various utility icons and a watermark for 'Activate Windows'.

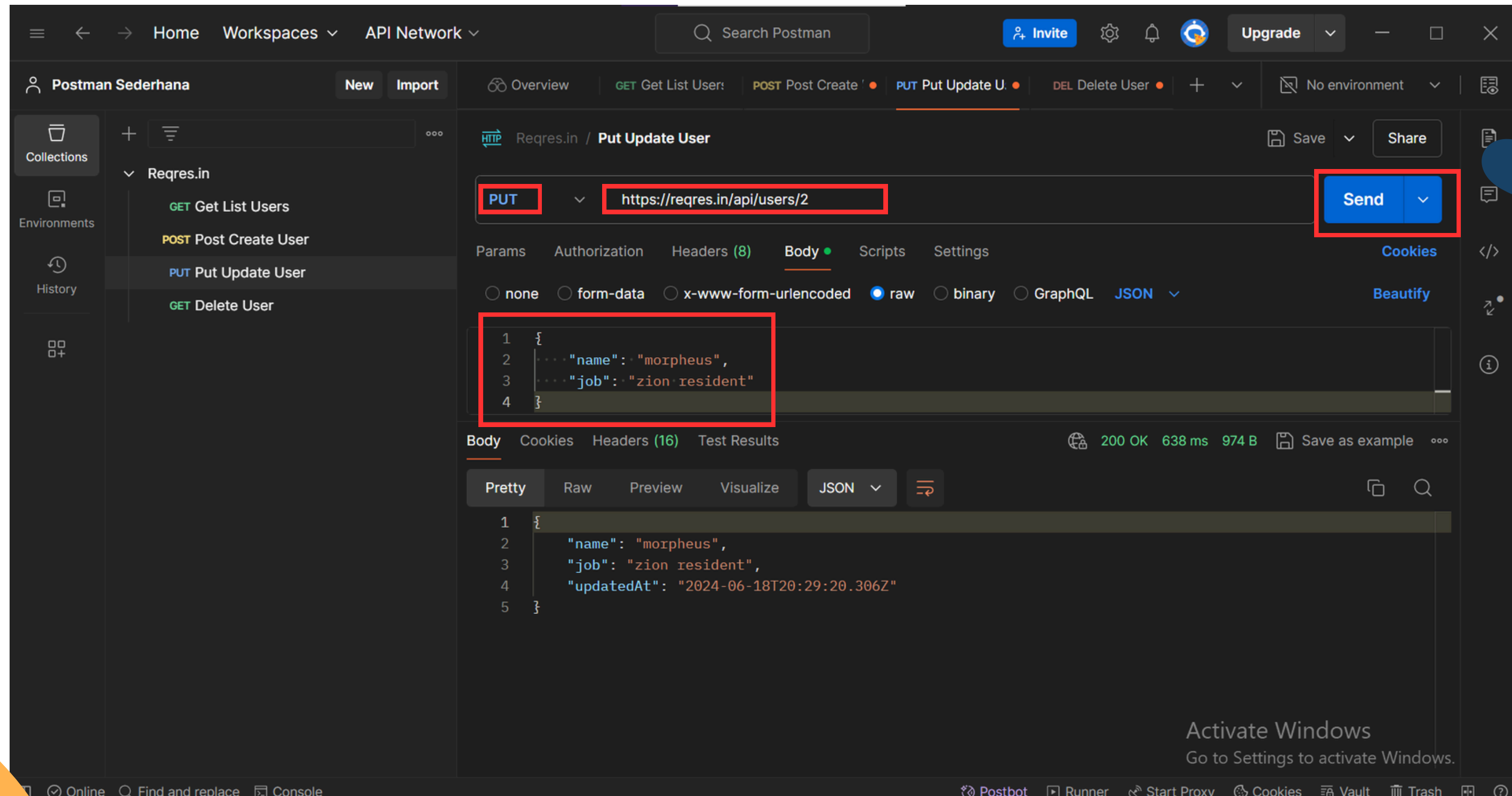
Testing API Sederhana

- POST



Testing API Sederhana

- PUT



Testing API Sederhana

- DELETE

The screenshot displays the Postman Sederhana application interface. The top navigation bar includes 'Home', 'Workspaces', and 'API Network'. The main workspace shows a collection named 'Reqres.in' with several endpoints. The 'Delete User' endpoint is selected, and its configuration is shown in the center. The HTTP method is set to 'DELETE' and the URL is 'https://reqres.in/api/users/2'. The 'Send' button is highlighted with a red box. Below the URL bar, there are tabs for 'Params', 'Authorization', 'Headers (6)', 'Body', 'Scripts', and 'Settings'. The 'Params' tab is active, showing a table with columns 'Key', 'Value', and 'Description'. The 'Body' tab is also visible, showing a '204 No Content' status, '628 ms' response time, and '804 B' response size. The bottom status bar includes 'Online', 'Find and replace', 'Console', 'Postbot', 'Runner', 'Start Proxy', 'Cookies', 'Vault', 'Trash', and a help icon.

Postman Sederhana

Reqres.in / Delete User

DELETE `https://reqres.in/api/users/2` Send

Params Authorization Headers (6) Body Scripts Settings

Key	Value	Description
Key	Value	Description

Body Cookies Headers (13) Test Results

204 No Content 628 ms 804 B Save as example

Activate Windows
Go to Settings to activate Windows.



- *Terima Kasih* -