

POST/user/Add a new user. Returns the user <id>

The screenshot shows the Postman interface with a POST request to `http://127.0.0.1:5000/user/`. The request body is form-data with the following fields:

Key	Value	Description
<input checked="" type="checkbox"/> name	NewUser2	
<input checked="" type="checkbox"/> password	Password10	
<input type="checkbox"/> noteTitle	Test Note 2	
<input type="checkbox"/> notes	Changing the second note for user number one	
New key	Value	Description

The response is shown in the Body tab, formatted as JSON:

```
{  "id": 190}
```

Status: 201 CREATED, Time: 24 ms

DELETE/user/{id}/Delete the user with the specified {id}

The screenshot shows the Postman interface with a DELETE request to `http://127.0.0.1:5000/user/190`. The response is shown in the Body tab, formatted as HTML:

```
<div id="1">deleted</div>
```

Status: 202 ACCEPTED, Time: 26 ms

POST/user/Login the user with username and password in payload and return a token

Postman interface showing a POST request to `http://127.0.0.1:5000/user/`. The request body is form-data with the following fields:

Key	Value	Description
<input checked="" type="checkbox"/> name	Peter Wang	
<input checked="" type="checkbox"/> password	Password1	
<input type="checkbox"/> noteTitle	Test Note 2	
<input type="checkbox"/> notes	Changing the second note for user number one	

The response is `Login successful`.

POST/user/{id}/notes/Retrieve all notes for a particular user

Postman interface showing a POST request to `http://127.0.0.1:5000/user/1/notes`. The request body is form-data with the following fields:

Key	Value	Description
<input type="checkbox"/> name	Peter Wang	
<input checked="" type="checkbox"/> password	Password1	
<input type="checkbox"/> noteTitle	Test Note 2	
<input type="checkbox"/> notes	Changing the second note for user number one	

The response is a JSON object:

```
1 {
2   "NoteID": 1,
3   "Notes": "Text for testing note retrieval"
4 }
```

POST/user/{id}/notes/:id

The screenshot shows the Postman interface with a POST request configured for the URL `http://127.0.0.1:5000/user/1/notes/41`. The request is using the `form-data` type. The body is a JSON object with the following structure:

```
{
  "Notes": "Changing the second note for user number one"
}
```

The left sidebar shows a history of requests, including a POST request to `http://127.0.0.1:5000/user/1/notes/41` and a DELETE request to `http://127.0.0.1:5000/user/190`.

Retrieve the note for the matching note <id>

The screenshot shows the Postman interface with a POST request configured for the URL `http://127.0.0.1:5000/user/1/notes/41`. The request is using the `form-data` type. The body is a JSON object with the following structure:

```
{
  "Notes": "Changing the second note for user number one"
}
```

The left sidebar shows a history of requests, including a POST request to `http://127.0.0.1:5000/user/1/notes/41` and a DELETE request to `http://127.0.0.1:5000/user/190`.

POST/user/{id}/notes/:titleRetrieve the note with the specified <title>

Postman interface showing a POST request to `http://127.0.0.1:5000/user/2/notes/TestTitle2`. The request body is form-data with the following fields:

Key	Value	Description
<input type="checkbox"/> name	Peter Wang	
<input checked="" type="checkbox"/> password	Password2	
<input type="checkbox"/> noteTitle	Test Note 2	
<input type="checkbox"/> notes	Changing the second note for user number one	

The response is a JSON object: `{\"Notes\": \"Note for second person for testing\"}`. Status: 200 OK, Time: 19 ms.

POST/user/{id}/notes/:idUpdate note with the specified <id> if the

Postman interface showing a PUT request to `http://127.0.0.1:5000/user/2/notes/2`. The request body is form-data with the following fields:

Key	Value	Description
<input type="checkbox"/> name	Peter Wang	
<input checked="" type="checkbox"/> password	Password2	
<input type="checkbox"/> noteTitle	Test Note 2	
<input checked="" type="checkbox"/> notes	Changing the first note for user number two again	

The response is a JSON object: `{\"Notes\": \"Changing the first note for user number two again\", \"id\": 2, \"noteID\": 2, \"noteTitle\": \"TestTitle2\"}`. Status: 201 CREATED, Time: 31 ms.

PUT/user/{id}/notes/:titleUpdate note with the specified <title>

The screenshot shows the Postman interface with a PUT request configured. The URL is `http://127.0.0.1:5000/user/2/notes/TestTitle2`. The request body is set to `form-data`. The form fields are:

Key	Value	Description
<input type="checkbox"/> name	Peter Wang	
<input checked="" type="checkbox"/> password	Password2	
<input type="checkbox"/> noteTitle	Test Note 2	
<input checked="" type="checkbox"/> notes	Changing the first note for user number two	
New key	Value	Description

The response body is shown in JSON format:

```
1 {
2   "Notes": "Changing the first note for user number two",
3   "id": 2,
4   "noteID": 2,
5   "noteTitle": "TestTitle2"
6 }
```

The status is 201 CREATED and the time taken is 29 ms.

POST/user/{id}/notes/:titleAdd a new note. Returns the note <id>

The screenshot shows the Postman interface with a POST request configured. The URL is `http://127.0.0.1:5000/user/2/notes/SecondnoteForUser2`. The request body is set to `form-data`. The form fields are:

Key	Value	Description
<input type="checkbox"/> name	Peter Wang	
<input checked="" type="checkbox"/> password	Password2	
<input type="checkbox"/> noteTitle	Test Note 2	
<input checked="" type="checkbox"/> notes	A second note for user 2	
New key	Value	Description

The response body is shown in JSON format:

```
1 {
2   "Note added with ID": 28
3 }
```

The status is 201 CREATED and the time taken is 22 ms.

DELETE/user/{id}/notes/:idDelete the note with the specified <id>

The screenshot displays the Postman API client interface. The top bar includes navigation buttons (NEW, Runner, Import), a 'Builder' tab, and user account options. The main workspace is divided into three sections: a left sidebar with a 'History' tab showing a list of recent requests, a central configuration area, and a right-hand response area.

Request Configuration:

- Method:** DELETE
- URL:** http://127.0.0.1:5000/user/2/notes/28
- Environment:** No Environment
- Body Type:** form-data
- Form Data:**

Key	Value	Description
<input type="checkbox"/> name	Peter Wang	
<input checked="" type="checkbox"/> password	Password2	
<input type="checkbox"/> noteTitle	Test Note 2	
<input checked="" type="checkbox"/> notes	A second note for user 2	
New key	Value	Description

Response:

- Status:** 202 ACCEPTED
- Time:** 35 ms
- Body:** Deleted