

1. User Registration API: POST /api/users/register: <http://localhost:5000/api/users/register>

The image shows two screenshots. The top screenshot is from Postman, displaying a POST request to `http://localhost:5000/api/users/register`. The request body is a JSON object with the following fields: `firstName`: "John", `lastName`: "Doe", `NIDNumber`: "1234567890", `phoneNumber`: "1234567890", `password`: "password123", and `bloodGroup`: "O+". The response status is 201 Created, and the response body is a JSON object with a `message` field: "User registered successfully".

The bottom screenshot is from MongoDB Compass, showing the `users` collection in the `assignmentw21.ahgde.mongodb.net` database. The collection contains two documents. The first document has the following fields: `_id`: ObjectId('6762e35df86785acd1af8f85'), `firstName`: "Samia", `lastName`: "Aurin", `NIDNumber`: "1234567895", `phoneNumber`: "1234567899", `password`: "\$2a\$10\$tH2Lft8FgQ0UDLWnDrQ7a.Tu0VbIXq1nJEH0a1I6Ds6I/h./W6FW0", and `bloodGroup`: "B+". The second document has the following fields: `_id`: ObjectId('6762f6f22cc314df97466389'), `firstName`: "John", `lastName`: "Doe", `NIDNumber`: "1234567890", `phoneNumber`: "1234567890", `password`: "\$2a\$10\$.06V2JAzp6s279X25znt5.YXRqoXRqpWg94cRa/wtS6hBqm09QUy", and `bloodGroup`: "O+".

2. User Login API: POST /api/users/login: <http://localhost:5000/api/users/login>
Make sure you copy the token from Headers.

The image displays two screenshots of the Postman application interface, showing a successful POST request to the login API.

Top Screenshot: The 'POST Login' request is selected. The URL is `http://localhost:5000/api/users/login`. The request body is a JSON object: `{ "phoneNumber": "1234567890", "password": "password123" }`. The response status is **200 OK** with a response time of 800 ms and a body size of 506 B. The response body is a JSON object: `{ "message": "Login successful" }`.

Bottom Screenshot: The 'Headers' tab is selected, showing the response headers. A green box highlights the 'Cookie' header, which contains the token: `token=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZiZCI6IjY3NjJmNmYyMmNmMzE0ZGY5NSZqZ2NmM4OSIsImhndCI6MTczNDUzOTE2NCwiZXBwIjoxNzMTMTQzOTY0fQ.1NgwXql3opyG9o_oKaNxm6QAv-z2W-JXM-WTZdeviAE`. Other headers include 'Cache-Control', 'Postman-...', 'Content-Type', 'Host', 'User-Agent', 'Accept', 'Accept-Encoding', and 'Connection'.

3. User Authentication by JWT Token and Cookies & Single User Profile Read API: `GET /api/users/profile`

The image displays two screenshots of the Postman API client interface, illustrating a successful GET request to the endpoint `http://localhost:5000/api/users/profile`.

Top Screenshot: The interface shows the 'GET Profile' request configuration. The 'Authorization' tab is active, displaying 'Bearer Token' as the auth type. A warning message states: 'Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about variables.' The token value is `eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ...`. The 'Response' tab is visible at the bottom, showing a status of 200 OK.

Bottom Screenshot: This screenshot shows the 'Body' tab of the response, which is formatted as JSON. The response data is as follows:

```
1 {
2   "_id": "6762f6f22cc314df97466389",
3   "firstName": "John",
4   "lastName": "Doe",
5   "NIDNumber": "1234567890",
6   "phoneNumber": "1234567890",
7   "bloodGroup": "O+",
8   "___v": 0
9 }
```

4. All Users Profile Read API: GET /api/users:

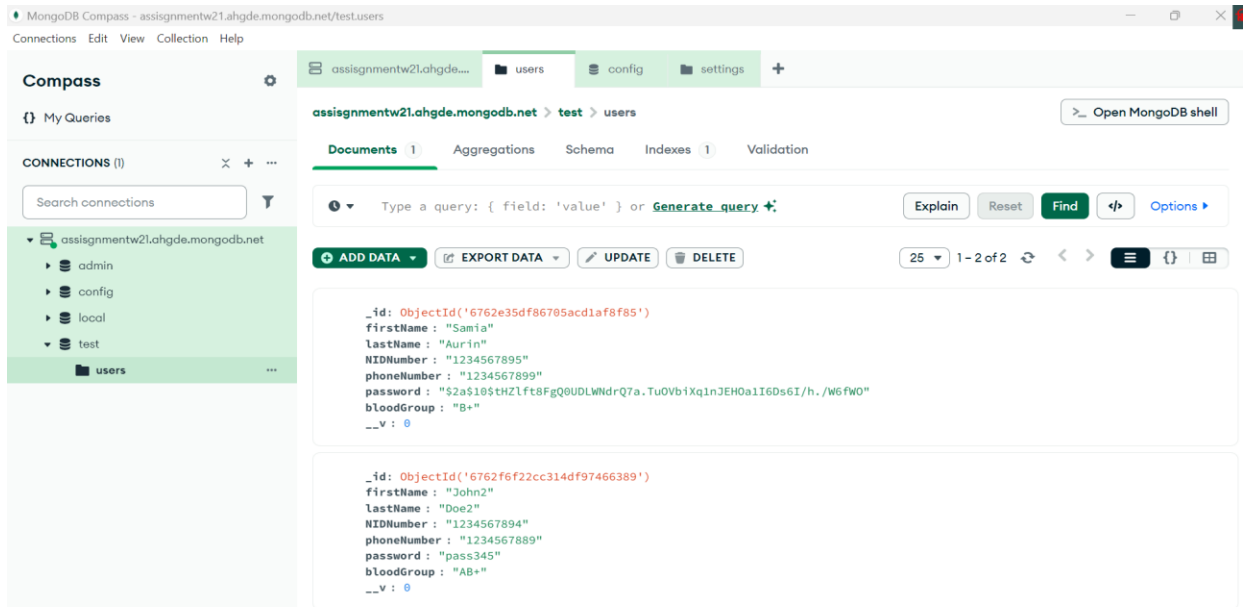
The screenshot shows the Postman interface for the 'GET All Users' endpoint. The URL is `http://localhost:5000/api/users/users`. The response is a 200 OK status with a response time of 98 ms and a body size of 571 B. The response body is displayed in JSON format, showing an array of two user objects. The first user has an ID of '6762e35df86705acd1af8f85', first name 'Samia', last name 'Auzin', NID number '1234567895', phone number '1234567899', and blood group 'B+'. The second user has an ID of '6762f6f22cc314df97466389', first name 'John', last name 'Doe', NID number '1234567890', phone number '1234567890', and blood group 'O+'. The interface also shows a sidebar with the 'My Workspace' containing a collection named 'Ostad-Assignment-W21' with endpoints for Register, Login, Profile, All Users, and Single User profile update api.

```
2 {
3   "_id": "6762e35df86705acd1af8f85",
4   "firstName": "Samia",
5   "lastName": "Auzin",
6   "NIDNumber": "1234567895",
7   "phoneNumber": "1234567899",
8   "bloodGroup": "B+",
9   "__v": 0
10 },
11 {
12   "_id": "6762f6f22cc314df97466389",
13   "firstName": "John",
14   "lastName": "Doe",
15   "NIDNumber": "1234567890",
16   "phoneNumber": "1234567890",
17   "bloodGroup": "O+",
18   "__v": 0
19 }
```

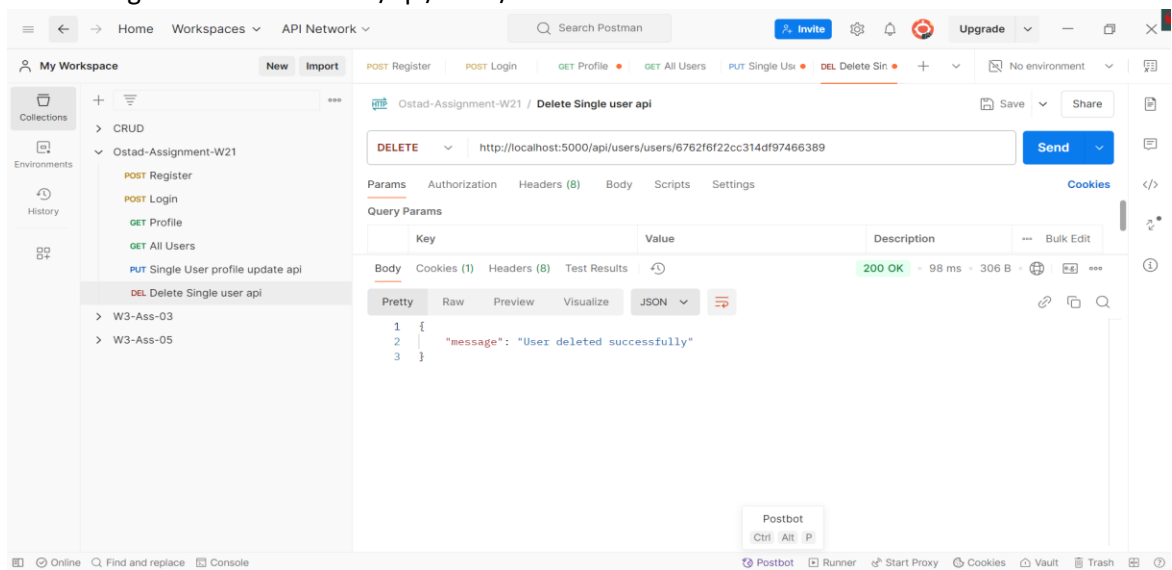
5. Single User Profile Update API: PUT /api/users/:id

The screenshot shows the Postman interface for the 'PUT Single User profile update api' endpoint. The URL is `http://localhost:5000/api/users/users/6762f6f22cc314df97466389`. The response is a 200 OK status with a response time of 93 ms and a body size of 440 B. The response body is displayed in JSON format, showing the updated user object. The user has an ID of '6762f6f22cc314df97466389', first name 'John2', last name 'Doe2', NID number '1234567894', phone number '1234567889', password 'pass345', and blood group 'AB+'. The interface also shows a sidebar with the 'My Workspace' containing a collection named 'Ostad-Assignment-W21' with endpoints for Register, Login, Profile, All Users, and Single User profile update api.

```
1 {
2   "firstName": "John2",
3   "lastName": "Doe2",
4   "NIDNumber": "1234567894",
5   "phoneNumber": "1234567889",
6   "password": "pass345",
7   "bloodGroup": "AB+"
8 }
```



6. Delete Single User API: DELETE /api/users/:id



MongoDB Compass - assignmentw21.ahgde.mongodb.net/test/users

Connections Edit View Collection Help

Compass

My Queries

CONNECTIONS (1)

Search connections

- assignmentw21.ahgde.mongodb.net
 - admin
 - config
 - local
 - test
 - users

assignmentw21.ahgde... users config settings +

assignmentw21.ahgde.mongodb.net > test > users [Open MongoDB shell](#)

Documents 1 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or [Generate query](#)

Explain Reset Find `</>` Options

ADD DATA EXPORT DATA UPDATE DELETE

25 1 - 1 of 1

```
{
  "_id": ObjectId('6762e35df86705acd1af8f85'),
  "firstName": "Samia",
  "lastName": "Aurin",
  "NIDNumber": "1234567895",
  "phoneNumber": "1234567899",
  "password": "$2a$10$tH21ft8FgQ0UDLWnDrQ7a.Tu0Vb1Xq1nJEH0a1I6Ds6I/h../W6fW0",
  "bloodGroup": "B+",
  "__v": 0
}
```