

API Documentation — Azure SQL Functions

Base URL

`https://sql-function-b3c7e6exa9f9acdu.francecentral-01.azurewebsites.net/api`

Authentication

`?code=YOUR_FUNCTION_KEY`

```
FUNCTION_KEY = "nb7jrePPZdZkW_m40b-K12SRV0cGY5u1bgwXDh7ywjgoAzFuvjEF6w=="
```

Example: `https://sql-function-b3c7e6exa9f9acdu.francecentral-01.azurewebsites.net/api/create_user?code=nb7jrePPZdZkW_m40b-K12SRV0cGY5u1bgwXDh7ywjgoAzFuvjEF6w==`

1. Create User

Method: POST

Endpoint: `/create_user`

Description: Creates a new user in the database.

Request

Headers:

Content-Type: `application/json`

```
user_data = {  
    "NationalId": "1234567890",  
    "FullName": "John Doe",  
    "Email": "johndoe@example.com",  
    "PasswordHash": "hashed_password_123",  
    "Gender": "Male",  
    "CreatedAt": "2025-11-24T18:00:00Z"  
}
```

Response

Success (200):

```
{  
  Create User: 200 User created successfully  
}
```

Error:

```
{  
  "error": "Missing username or email"  
}
```

2. Read User

Method: GET

Endpoint: /read_user

Description: Fetch a user by national ID.

Request

Query Parameters: national id (required)

Response

Success (200):

```
{  
  Read User: 200 {"FullName": "yassin hararz", "Email": "yassin@example.com",  
  "PasswordHash": "hashed_password", "Gender": "Male", "CreatedAt": "2025-11-24"}  
}
```

3. Upload Document

Method: POST

Endpoint: /UploadDocument

Description: Uploads a file and metadata.

Request

Content-Type: multipart/form-data

Fields: National id , title

Response

Success (200):

```
{  
  "Upload Document: 200 {"status": "success", "message": "file uploaded successfully",  
  "document_id": "3506c183-c36b-4b53-b83d-190612b7a977", "original_name":  
  "exampletest.txt", "blob_path": "1234567890/2025-11-24/txt/3506c183-c36b-4b53-b83d-
```

```
190612b7a977.txt", "file_size_bytes": 0}
}
```

Test script:

C: > Users > HP > OneDrive > Desktop > testSQLpy > ...

```
1  import requests
2  import json
3
4  BASE_URL = "https://sql-function-b3c7e6exa9f9acdu.francecentral-01.azurewebsites.net/api"
5  FUNCTION_KEY = "nb7jrePPZdZkW_m40b-K12SRVocGY5u1bgwXDh7ywjgoAzFuvjEF6W=="
6
7  # Create user
8  user_data = {
9      "NationalId": "305090",
10     "FullName": "yassin hararz",
11     "Email": "yassin@example.com",
12     "PasswordHash": "hashed_password",
13     "Gender": "Male",
14     "CreatedAt": "2025-11-24T18:00:00Z"
15 }
16 response = requests.post(f"{BASE_URL}/create_user?code={FUNCTION_KEY}", json=user_data)
17 print("Create User:", response.status_code, response.text)
18
19 # Read user
20 read_data = {"NationalId": "305090"}
21 response = requests.post(f"{BASE_URL}/read_user_data?code={FUNCTION_KEY}", json=read_data)
22 print("Read User:", response.status_code, response.text)
23
24 # Upload document
25 file_path = r"C:\Users\HP\OneDrive\Desktop\exampletest.txt"
26 files = {"file": open(file_path, "rb")}
27 form_data = {"NationalId": "1234567890", "title": "Test Document"}
28 response = requests.post(f"{BASE_URL}/UploadDocument?code={FUNCTION_KEY}", files=files, data=form_data)
29 print("Upload Document:", response.status_code, response.text)
30
31
32
```