

## 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==](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-  
    "exampletest.txt"}  
}
```

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

Test script:

```
C:\Users\HP\OneDrive\Desktop> testSQL.py ...  
1 import requests  
2 import json  
3  
4 BASE_URL = "https://sql-function-b3c7e6exa9f9acdu.francecentral-01.azurewebsites.net/api"  
5 FUNCTION_KEY = "nb7jrePPZdZkW_m40b-K12SRV0cGY5u1bgwXDh7ywjgoAzFuvjEF6w=="  
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
```