

API Documentation

Base URL

`your_base_url`

Endpoints

1. Developed By

- **URL:** `/developedby/`
- **Method:** GET
- **Description:** Returns the `developedby.html` page.

Response

- **Status Code:** 200 OK
 - **Content:** Renders the `developedby.html` page.
-

2. Registration Page

- **URL:** `/registerPage/`
- **Method:** GET
- **Description:** Returns the `register.html` page.

Response

- **Status Code:** 200 OK
 - **Content:** Renders the `register.html` page.
-

3. Verification Page

- **URL:** `/verifyPage/`
- **Method:** GET
- **Description:** Returns the `verify.html` page.

Response

- **Status Code:** 200 OK
 - **Content:** Renders the `verify.html` page.
-

4. Register User

- **URL:** `/register/`
- **Method:** GET
- **Description:** Retrieves a list of users with their IDs and timestamps.

Response

- **Success Response:**
 - **Status Code:** 200 OK
 - **Content:**

```
{
  "message": "Hello, world!",
  "data": [
    {
      "id": "user_id_1",
      "timestamp": "timestamp_1"
    },
    {
      "id": "user_id_2",
      "timestamp": "timestamp_2"
    }
  ]
}
```

5. Register User

- **URL:** /register/
- **Method:** POST
- **Description:** Registers a new user with an image.

Request Body

- **Content-Type:** multipart/form-data
- **Form Data:**
 - **id** (string): The unique ID of the user.
 - **image** (file): The image file associated with the user.

Response

- **Success Response:**
 - **Status Code:** 201 Created
 - **Content:**

```
{
  "message": "Data inserted successfully"
}
```

- **Error Responses:**
 - **Status Code:** 400 Bad Request
 - **Content:**

```
{
  "error": "ID and image are required"
}
```

- **Status Code:** 409 Conflict
 - **Content:**

```
{
  "error": "User already exists"
}
```

- **Status Code:** 500 Internal Server Error
 - **Content:**

```
{
  "error": "Error details"
}
```

6. Verify User

- **URL:** /verify/
- **Method:** POST
- **Description:** Verifies a user by recognizing their face in the uploaded image.

Request Body

- **Content-Type:** multipart/form-data
- **Form Data:**

- `image` (file): The image file to be verified.

Response

- **Success Response:**
 - **Status Code:** 200 OK
 - **Content:**

```
{
  "message": "Image received successfully!",
  "recognition": "identity or 'Unknown'"
}
```

- **Error Responses:**
 - **Status Code:** 400 Bad Request
 - **Content:**

```
{
  "error": "Image is required"
}
```

- **Status Code:** 500 Internal Server Error
 - **Content:**

```
{
  "error": "Error details",
  "recognition": "Unknown"
}
```

7. Delete User

- **URL:** /register/
- **Method:** DELETE
- **Description:** Deletes a user and their associated image.

Request Body

- **Content-Type:** application/json
- **JSON Data:**
 - `id` (string): The unique ID of the user to be deleted.

Response

- **Success Response:**
 - **Status Code:** 204 No Content
 - **Content:**

```
{
  "message": "Data deleted successfully",
  "files_deleted": ["list_of_deleted_files"]
}
```

- **Error Responses:**
 - **Status Code:** 400 Bad Request
 - **Content:**

```
{
  "error": "ID is required"
}
```

- **Status Code:** 404 Not Found
 - **Content:**

```
{
  "error": "User not found"
}
```

- **Status Code:** 500 Internal Server Error
 - **Content:**

```
{  
  "error": "Error details"  
}
```
