

# Contents

# API Documentation

## Auth Endpoints

extbfPOST /api/auth/register [name=register]

- Registers a new user.
- Requires: email, password, first\_name, last\_name, [optional] role (default: victim).
- Returns: user object and JWT tokens.
- Authentication: Not required.

extbfRequest Example:

```
{
  "email": "john@example.com",
  "password": "secret123",
  "first_name": "John",
  "last_name": "Doe",
  "role": "victim"
}
```

extbfResponse Example:

```
{
  "user": {
    "id": 42,
    "email": "john@example.com",
    "first_name": "John",
    "last_name": "Doe"
  },
  "tokens": {
    "refresh": "<refresh_token>",
    "access": "<access_token>"
  }
}
```

extbfStatus Codes:

- 201 Created – User successfully registered
- 400 Bad Request – Missing required fields or email already exists

- 500 Internal Server Error – Unexpected error

extbfPossible Errors:

- "error": "Missing required fields"
- "error": "Email already exists"
- "error": "<error message>"

extbfPOST /api/auth/login

[name=login]

- Authenticates a user with email and password.
- Returns: user object and JWT tokens.
- Authentication: Not required.

extbfRequest Example:

```
{
  "email": "john@example.com",
  "password": "secret123"
}
```

extbfResponse Example:

```
{
  "user": {
    "id": 42,
    "email": "john@example.com",
    "first_name": "John",
    "last_name": "Doe",
    "role": "victim"
  },
  "tokens": {
    "refresh": "<refresh_token>",
    "access": "<access_token>"
  }
}
```

extbfStatus Codes:

- 200 OK – Login successful

- 400 Bad Request – Missing required fields
- 401 Unauthorized – Invalid credentials
- 500 Internal Server Error – Unexpected error

extbfPossible Errors:

- "error": "Missing required fields"
- "error": "Invalid credentials"
- "error": "<error message>"

extbfPOST /api/auth/logout

[name=logout]

- Invalidates the refresh token (logs out user).
- Requires: valid access token and refresh token in body.
- Returns: confirmation message.

extbfRequest Example:

```
Authorization: Bearer <access_token>
{
  "refresh": "<refresh_token>"
}
```

extbfResponse Example:

```
{
  "message": "Successfully logged out"
}
```

extbfStatus Codes:

- 200 OK – Successfully logged out
- 400 Bad Request – Invalid token
- 401 Unauthorized – Invalid or missing access token

extbfPossible Errors:

- "error": "Invalid token"

**POST /api/auth/token** [name=obtain\_token]

- Obtains a new access token using a refresh token.
- Requires: valid refresh token.

**Request Example:**

```
{  
  "refresh": "dGhpc2lzc2FtcGx1cmVmcmVzaHRva2Vu..."  
}
```

**Response Example:**

```
{  
  "access": "eyJ0eXAiOiJKV1QiLCJh..."  
}
```

**Status Codes:**

- 200 OK – Token refreshed successfully
- 401 Unauthorized – Invalid/expired refresh token

**Possible Errors:**

- "error": "Refresh token expired"
- "error": "Invalid token"

## User Endpoints

extbfGET /api/users/me [name=get\_me]

- Retrieves the currently authenticated user's profile.
- Requires: access token.

extbfRequest Example:

Authorization: Bearer <access\_token>

extbfResponse Example:

```
{
  "id": 42,
  "email": "john@example.com",
  "first_name": "John",
  "last_name": "Doe",
  "role": "victim"
}
```

extbfStatus Codes:

- 200 OK – User profile retrieved
- 401 Unauthorized – Invalid or missing token

extbfPUT /api/users/me [name=update\_me]

- Updates profile fields (first\_name, last\_name, email).
- Requires: access token.
- Returns updated user data.

extbfRequest Example:

Authorization: Bearer <access\_token>

```
{
  "first_name": "John Updated",
  "last_name": "Doe Updated",
  "email": "john_new@example.com"
}
```

extbfResponse Example:

```
{
  "id": 42,
  "email": "john_new@example.com",
  "first_name": "John Updated",
  "last_name": "Doe Updated",
  "role": "victim"
}
```

extbfStatus Codes:

- 200 OK – Profile updated
- 400 Bad Request – Email already exists or invalid fields
- 401 Unauthorized – Invalid or missing token
- 500 Internal Server Error – Unexpected error

extbfGET /api/users

[name=get\_users]

- Lists all registered users.
- Requires: Admin access token.

extbfResponse Example:

```
{
  "users": [
    {
      "id": 1,
      "email": "alice@example.com",
      "first_name": "Alice",
      "last_name": "Smith",
      "role": "admin",
      "is_active": true,
      "is_staff": true
    },
    {
      "id": 2,
      "email": "bob@example.com",
      "first_name": "Bob",
      "last_name": "Brown",
      "role": "victim",

```

```
        "is_active": true,  
        "is_staff": false  
    }  
]  
}
```

extbfStatus Codes:

- 200 OK – User list retrieved
- 401 Unauthorized – Invalid or missing token
- 403 Forbidden – Non-admin access