**This API endpoint handles user sign up by validating the email and password provided by the client.**

## **Endpoint**

**POST** /register

## **Request**

### **Headers**

* **Content-Type**: application/json

### **Body**

The request body must contain the following fields in JSON format:

| **Field** | **Type** | **Description** |
| --- | --- | --- |
| email | String | The user’s email address. |
| password | String | The user’s password. |

## **Response**

### **Success Response**

**HTTP Status Code**: 200 OK

#### **Response Body:**

{

"message": "Registration successful",

"email": "<user\_email>"

}

| **Field** | **Type** | **Description** |
| --- | --- | --- |
| message | String | A success message. |
| email | String | The email address of the newly registered user. |

### **Error Responses**

#### **General Error**

**HTTP Status Code**: 400 Bad Request

##### **Response Body:**

{

"error": "<Error message>"

}

The error message will vary depending on the issue encountered.

**Notes**

* Ensure proper error handling to prevent sensitive information leakage.
* Use secure storage for environment variables to avoid credential exposure.