

Example Outputs – DocuGenAI: Smart Technical Documentation Assistant

This document contains sample outputs generated by DocuGenAI for the four key features:

- API Documentation
- Troubleshooting Guide

1. API Documentation Example

Prompt Input:

`POST /create-user``

Generated Output:

Endpoint

`POST /create-user``

Description

Creates a new user account with the specified username, email, and password.

HTTP Method

POST

Request Parameters

Name	Type	Description
username	string	Unique username for the user
email	string	Email address of the user
password	string	Password for the user account

Example Request Body

```
```json
{
 "username": "john_doe",
 "email": "john@example.com",
 "password": "securepassword123"
}
```

### Troubleshooting Guide Example

#### Prompt Input:

The API returns "500 Internal Server Error" when calling POST /create-user.

#### Generated Output:

##### Issue:

500 Internal Server Error when calling POST /create-user API.

#### Possible Root Causes:

1. **Database connection failure.**
2. **Unhandled exceptions in user creation logic.**
3. **Invalid or missing request parameters.**
4. **Conflict with existing data (duplicate email).**

#### Troubleshooting Steps:

1. Check server logs for stack trace details.
2. Validate the request body:
  - Ensure all required fields (username, email, password) are present.
3. Confirm database service is running and reachable.
4. Test with different input data to rule out duplicates.
5. Review exception handling in the user creation function.

#### Prevention:

- Add proper error handling and input validation.
- Use try-except blocks to catch database errors.
- Provide meaningful error responses instead of generic 500 errors.

**Escalation:**

If the issue persists after basic troubleshooting:

- Involve the backend development team.
- Review server configuration and deployment logs.