

- **400 Bad Request** for invalid inputs.
- **404 Not Found** for non-existent resources.
- **500 Internal Server Error** for server-side issues.

2. Input Validation:

- Validate all incoming requests, including file type, file size, and parameters like the number of cuts.
- Provide meaningful error messages with clear explanations for validation errors.

3. Security:

- Implement authentication (API keys, OAuth tokens) to secure API access.
- Use HTTPS to protect data in transit.
- Implement input sanitization to prevent security vulnerabilities.

4. Error Handling:

- Provide consistent error responses in JSON format.
- Include clear error messages and codes that are informative to the user.
- Handle exceptions gracefully without exposing stack traces.

5. Performance:

- Ensure API endpoints respond promptly, even for large PDFs.
- Optimize memory usage and processing speed for handling large documents.
- Use pagination or streaming if applicable for large outputs.

6. API Documentation:

- Use Swagger/OpenAPI for documenting all API endpoints.
- Include descriptions of request parameters, response formats, and possible error messages.
- Provide example requests and responses.