Document AI Backend – Testing Guide

Base URL: http://13.51.194.236:8080/docs

The system allows you to:

1. Upload a document (PDF or image)
2. Let the system process the document
3. Ask questions based on the document's content

The system will answer **using the uploaded document**.

Video Walkthrough: An MP4 video is provided. If the text is unclear, please follow the video.

Recommended Testing Method: Postman is the recommended tool for testing because it provides a clear, step-by-step interface and shows results immediately.

Quick Health Check (Recommended First Step)

Before testing any features, confirm that the system is running

http://13.51.194.236:8080/health

Expected Response:

{"ok": true}

STEP 1: Upload a Document

Method: POST
URL: http://13.51.194.236:8080/documents/upload

Postman Steps:
1. Open Postman
2. Select POST method
3. Enter the URL above
4. Go to Body tab
5. Select form-data

6. In Key field, type: file
7. Change key type from Text to File
8. In Value, upload a PDF or image
9. Click Send

Expected Response:
```
{
 "success": true,
 "document": {
  "id": 1,
  "status": "UPLOADED"
 }
}
```

STEP 2: Process the Document

Method: POST
URL: http://13.51.194.236:8080/documents/upload
Postman Steps:
1. Select POST
2. Click body **->**form-data
3. Select key file
4. Upload document in Value and set description according to conditions

Expected Response:
```
{
  "success": true,
  "document": {
    "id": 2,
    "filename": "document.pdf",
    "file_type": "pdf",
    "status": "UPLOADED"
  }
}
```

STEP 3: Ask a Question

Method: POST

URL: http://13.51.194.236:8080/questions/ask

Postman Steps:

1. Select POST

2. Go to Headers

   Content-Type: application/json

3. Go to Body

4. Select raw

5. Select JSON

6. Paste the following:


```
{
  "document_id": 1,
  "question": "What is this document about?",
  "top_k": 5
}
```

Expected Response:

```
{
   "success": true,
   "answer": "Based on the uploaded document, the most relevant excerpts are:writing a
novel. Sarah, the college student who studied there most afternoons, was convinced she
was a spy documenting secret missions. Marcus never asked. Some mysteries were better
left alone.The shop had its own rhythm, its own personality. The espresso machine would
```

wheeze andgroan every third shot, but the coffee always came out perfect. The bell above the door had aparticular chime that regulars could recognize from the street. denim jacket could pour cup .",

  "sources": [

    {

      "chunk_id": 3,

      "chunk_index": 2,

      "preview": " writing a novel. Sarah, the college student who studied there most afternoons, was convinced she was a spy documenting secret missions. Marcus never asked. Some mysteries\nwere better left alone.\nThe "

    },

    {

      "chunk_id": 2,

      "chunk_index": 1,

      "preview": "very month, though a few pieces had been there so long they'd become permanent fixtures. There was a painting of a lighthouse that nobody particularly liked, but removing it felt\nwrong now. Every morn"

    },

    {

      "chunk_id": 4,

      "chunk_index": 3,

      "preview": "ow from the windows. They'd order their drinks, take a few photos, and leave. But some would stay.They'd feel something shift, notice how the conversations seemed more genuine, how strangers\nsmiled a"

    },

    {

      "chunk_id": 5,

      "chunk_index": 4,

        "preview": "ently, where the coffee was always hot, where the woman in the purple\ncoat could write in peace, and where Marcus in his denim jacket could pour cup after cup, smile\nafter smile, year after year. Some"

    },

    {

        "chunk_id": 1,

        "chunk_index": 0,

        "preview": "The coffee shop on the corner of Maple and Third had been there for as long as anyone couldremember, though nobody seemed to agree on when exactly it opened. Some said it was 1987,nothers insisted it"

    }

  ]

}