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| Delete Temporary File |

| (temp_<file.filename>) |

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Copy code

Detailed Process Flow and Explanations:

1. User Uploads File:

- The user uploads a file via the API. The system supports both image files (JPEG, PNG) and PDF files.
- **Why:** Allows users to submit documents for processing in various formats.

2. FastAPI Endpoint:

- FastAPI handles the user request and coordinates the processing flow.
- **Why:** FastAPI provides a fast and efficient web framework for building APIs and handles file uploads asynchronously.

3. Save Uploaded File Temporarily:

- The uploaded file is saved temporarily on the server to process it further.
- **Why:** Ensures that the file is accessible for processing without needing to be read repeatedly from the client's request.

4. Image/PDF Classification:

- The system classifies the document type (e.g., Driving License, Passport, Residence Card, or Miscellaneous) using pre-trained models.
- **Why:** Different types of documents require different extraction methods. This step ensures the correct processing pipeline is chosen based on the document type.

5. Check Document Type:



Message ChatGPT

