Qanouny Legal Assistant API Documentation

Server deployed at http://52.143.145.178:8000/

1. Health Check

Endpoint: GET /

Description: Checks if the API is

Request Parameters:

- None

Response Explanation:

- status (string): Shows the current status of the API, e.g., "running".
- message (string): A simple description of the API, e.g., "Legal Assistant API".
- endpoints (object): Lists the main functional endpoints for reference:
  - text: http://52.143.145.178:8000/api/query/text
  - audio: http://52.143.145.178:8000/api/query/audio
  - image: http://52.143.145.178:8000/api/query/file

```
{
    "status": "running",
    "message": "Legal Assistant API",
    "endpoints": {
        "text": "/api/query/text",
        "audio": "/api/query/audio",
        "image": "/api/query/image"
    }
}
```

2. Text Query

Endpoint: POST http://52.143.145.178:8000/api/query/text

Description: Send a legal question as text.

Request Parameter:

- question (string, required): The legal question in Arabic.

Response Explanation:

- success (boolean): Indicates if the query was processed successfully.
- query (string): The exact question received by the API.
- answer (string): The assistant's legal answer based on the query.
- risk_level (string): The assessed risk level for the legal issue ("red", "amber", "green").
- sources (array of strings): References or documents used to generate the answer.

```
{
        "success": True,
        "query": result['query'],
        "answer": result['answer'],
        "risk_level": result['risk_level'],
        "sources": result['sources'],
    }
```

Validation Rules:

- question must not be empty.
- Max length: 5000 characters

3. Audio Query

Endpoint: POST http://52.143.145.178:8000/api/query/audio

Description: Upload an audio file for speech-to-text query.

Request Parameter:

- audio_file (file, required): The audio file (.WAV).

Response Explanation:

- success (boolean): True if transcription and query succeeded.
- query (string): The text obtained from transcribing the audio.
- answer (string): Legal answer provided by the assistant.
- risk_level (string): Risk assessment.
- sources (array of strings): Documents used to answer.

```
{
            "success": True,
            "query": result['query'],
            "answer": result['answer'],
            "risk_level": result['risk_level'],
            "sources": result['sources'],
        }
```

Validation Rules:

- File must be in .WAV format.
- Only one audio file can be sent at a time

4. File Query (Image / PDF)

Endpoint: POST http://52.143.145.178:8000/api/query/file

Description: Upload an image or PDF for OCR + Q&A.

Request Parameters:

- file (file, required): Image (PNG, JPG, JPEG) or PDF.
- question (string, required): The legal question related to the file content.

Response Explanation:

- success (boolean): True if the file was processed successfully.
- full_text (string): Text extracted from the uploaded file.
- query (string): The user's question.
- answer (string): The assistant's legal answer.
- risk_level (string): Risk assessment.
- sources (array of strings): References used.

```
{
            "success": True,
            "full_text": result['full_text'],
            "query": result['query'],
            "answer": result['answer'],
            "risk_level": result['risk_level'],
            "sources": result['sources'],
        }
```

Validation Rules:

- File must be an accepted format.
- question must not be empty.
- Max size: 5mb

5. Reset Conversation

Endpoint: POST http://52.143.145.178:8000/api/reset

Description: Clears the conversation history for the current session. Useful if the user wants to start a new query context without previous interactions affecting the answers.

Request Parameters:

- None

Response Explanation:

- success (boolean): Indicates whether the conversation history was successfully reset.
- message (string): Confirmation message, e.g., "Conversation history reset successfully".

Validation Rules:

- No input required.
- Endpoint can be called anytime; it will reset the assistant's memory for that session.