**API DOCUMENTATION**

**API Endpoints**

**1. Upload API**

* **Endpoint**: POST /createRequestID
* **Description**: Uploads a CSV file containing product information and image URLs for processing.
* **Headers**:
  + Content-Type: multipart/form-data
* **Request Parameters**:
  + file (form-data): The CSV file to be uploaded.
* **Response**:
  + 200 OK: Request successfully created.
    - **Body**: JSON object containing request\_id, message, and status.
  + 400 Bad Request: Invalid input or missing file.
    - **Body**: JSON object containing error.

**2. Requests API**

* **Endpoint**: GET /requests
* **Description**: Retrieves a list of all file upload requests along with their status and associated details.
* **Headers**:
  + Content-Type: application/json
* **Response**:
  + 200 OK: Successfully retrieved the list of requests.
    - **Body**: JSON array of objects containing request\_id, filename, newfilename, and timestamp.
  + 500 Internal Server Error: Server encountered an issue.
    - **Body**: JSON object containing error.

**3. Request Detail API**

* **Endpoint**: GET /requestDetailpage/<int:request\_id>
* **Description**: Retrieves details of a specific request, including product information and image processing paths.
* **Headers**:
  + Content-Type: application/json
* **Path Parameters**:
  + request\_id: The ID of the request for which details are being fetched.
* **Response**:
  + 200 OK: Successfully retrieved the request details.
    - **Body**: JSON object containing details like ProductName, SerialNumber, ImageURL, LocalOriginalImagePath, LocalProcessedImagePath, and IsProcessed.
  + 404 Not Found: Request ID not found.
    - **Body**: JSON object containing error.