

# API Documentation

## 1. Upload Endpoint

- **Path:** `/upload`
- **HTTP Method:** `POST`
- **Purpose:** Accepts a CSV file with product information and image URLs, validates the file, and returns a unique request ID.
- **Request:**
  - **Headers:**
    - `Content-Type: multipart/form-data`
  - **Body:**
    - `file`: The CSV file containing product data.
- **Response:**
  - **HTTP Status Code:** `202 Accepted`

### Body:

json

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```
{  
  "requestId": "unique_request_id"  
}
```

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## 2. Status Check Endpoint

- **Path:** `/status/:requestId`
- **HTTP Method:** `GET`
- **Purpose:** Retrieves the current processing status of a request using the request ID.
- **Request:**
  - **Headers:**
    - `Content-Type: application/json`
  - **URL Parameters:**
    - `requestId`: The unique ID for which the status is being checked.
- **Response:**
  - **HTTP Status Code:** `200 OK`

### Body:

json

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```
{  
  "requestId": "unique_request_id",  
  "status": "PENDING" | "PROCESSING" | "COMPLETED" | "FAILED"  
}
```

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### 3. Webhook Notification Endpoint

- **Path:** `/webhook`
- **HTTP Method:** `POST`
- **Purpose:** Receives notifications about the completion status of image processing tasks from the processing service.
- **Request:**
  - **Headers:**
    - `Content-Type: application/json`

#### Body:

json

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```
{
  "requestId": "unique_request_id",
  "status": "COMPLETED" | "FAILED"
}
```

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- **Response:**
  - **HTTP Status Code:** `200 OK`

#### Body:

json

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```
{
  "message": "Webhook received and processed"
}
```

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