1. System Architecture

```
            ┌─────────┐
            │  Start  │
            └────┬────┘
                 │
                 ▼
      ┌──────────────────┐        ┌──────────────────┐
      │   Upload API     │◄──────►│   Status API     │
      └────────┬─────────┘        └──────────────────┘
               │
               ▼
      ┌──────────────────┐
      │ Store Request in │
      │    Database      │
      └────────┬─────────┘
               │
               ▼
      ┌──────────────────┐
      │ Image Processing │
      │     Worker       │
      └────────┬─────────┘
               │
               ▼
      ┌──────────────────┐
      │ Update Database  │
      │ with Output URLs │
      └────────┬─────────┘
               │
               ▼
      ┌──────────────────┐
      │ Trigger Webhook  │
      └────────┬─────────┘
               │
               ▼
            ┌─────────┐
            │   End   │
            └─────────┘
```
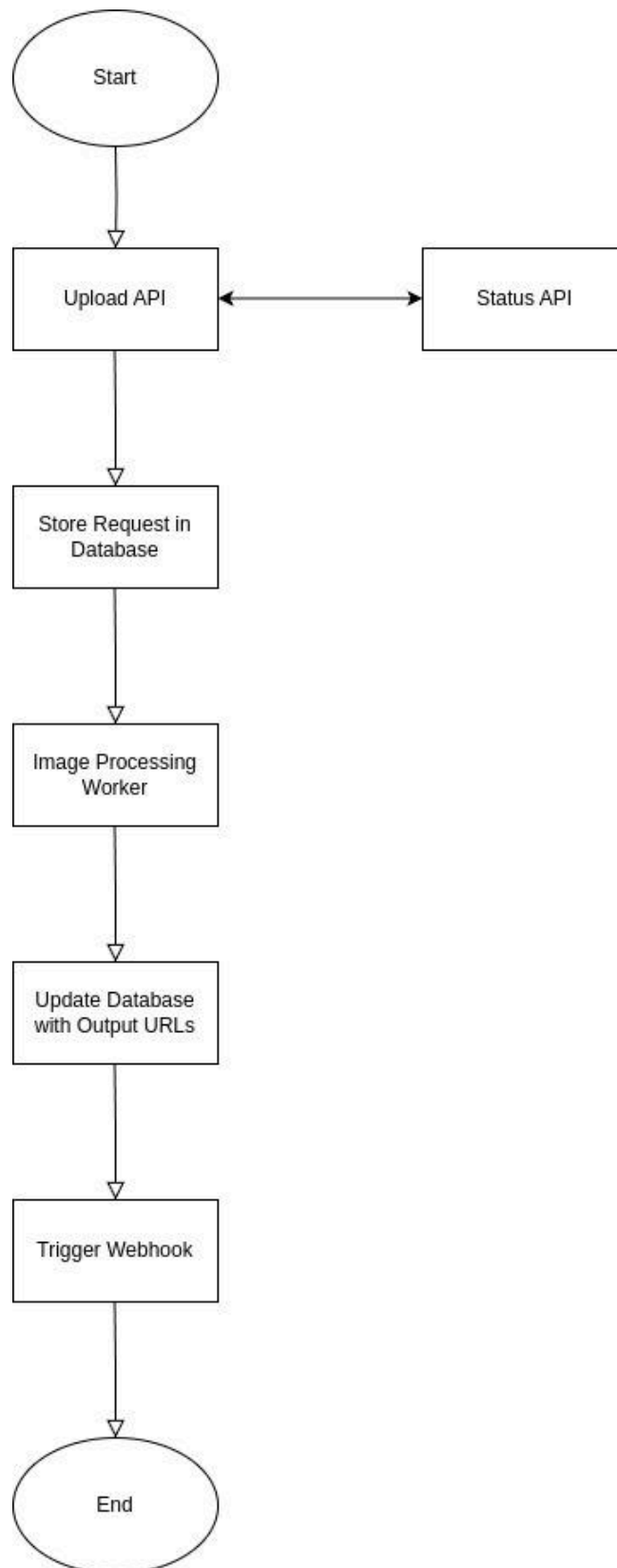
2. Upload API

Description: This endpoint handles CSV file uploads and generates a unique request ID for tracking the processing status.

- **Endpoint**: POST /api/upload
- **Request**:
  json
  ```
  {
        "file": "CSV file data"
  }
  ```

- **Response**:
  json
  ```
  {
        "requestId": "unique-request-id"
  }
  ```

3. Status API

Description: This endpoint handles CSV file uploads and generates a unique request ID for tracking the processing status.

- **Endpoint**: GET /api/status/:requestId
- **Response**:
  json
  ```
  {
     "status": "processing",
     "outputUrls": [
    "http://example.com/image1.jpg",
    "http://example.com/image2.jpg"
     ]
  }
  ```

4. Webhook Flow

Description: This endpoint handles callbacks from the image processing service once all images have been processed.

- **Endpoint**: POST /webhook
- **Request**:
  json
  ```
  {

          "requestId": "unique-request-id",
          "outputUrls": [
                  "http://example.com/image1.jpg",
                  "http://example.com/image2.jpg"
                          ]
  }
  ```

- **Response**:
  json
  ```
  {
          "message": "Webhook processed successfully"
  }
  ```