**Scenario:**

Every day, we pull a large CSV file (images40.txt) with products, parse the file into our format and insert, update or delete products from our database. (the delete step must have a flag and be an option)

Import a very large CSV file, convert the data to the JSON format indicated in the sample-products.json and save it to Mongo. DO NOT import sample-products.json. That serves as an example of the format we are expecting you to convert images40.txt to.

Before saving a product, you need to make sure that all vendors are up to date and you will use the document ids for vendorId and manufacturerId.

At the end of each

**Tech:**

* Typescript
* Mongo
* Nestjs + Schedulers
* LangChanTS

**Prerequisites:**

* Understand what products with variants is
* Check what data needs to be saved before
* You are the owner of the task, you decide
* If you see a value that is referenced from somewhere else, unknown, just simulate it.
* Deduct the data format based on sample

**Information:**

* There are 2 variants: **ItemDescription** → description and **Packaging** → packaging fields
* docId is a internal id we generate with nanoid v4
* Options[].id is just a random string
* There are 100k+ rows that should turn into 13k products (if variants are generated correctly)
* You only have 2GB of RAM available
* Each **ProductID** must be unique across all records.
* The **ItemID** must be unique within the context of its respective **ProductID** group.
* During **imports**, product data may be **modified**, requiring **updates** or **deletions** of **existing products** based on the new information.
* When **deleting products**, consider handling cases where products might already be associated with existing orders and determine the appropriate action.
* To retrieve comprehensive information for a specific product, group all related records by **ProductID**.

**Ignore:**

* Categories
* Everything that is not in the data{} in the JSON

**Your task:**

Import all the products and vendors using a scheduled task that runs once per day.

All products must have their description field enhanced using OpenAI by passing the name and category. If the product has a description, pass it for enhancement. Some products are missing descriptions, so use only name and category.

You are an expert in medical sales. Your specialty is medical consumables used by hospitals on a daily basis. Your task to enhance the description of a product based on the information provided.

Product name: $name

Product description: $description

Category: $nameOfCategory

New Description:

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