

- By Rishav Kumar



What did not work

LLM not updating the files and file not found error.

```
import os

def save_file(filename: str, content: str) -> str:
    """
    Ensures the directory exists and saves raw text in the content string
    to a file specified by the filename string.
    If the directory doesn't exist, it is created automatically.
    """
    if not filename:
        return "Error: No filename provided."

    directory = os.path.dirname(filename)

    if directory: # Ensure it's not an empty string
        os.makedirs(directory, exist_ok=True)

    with open(filename, 'w', encoding='utf-8') as f:
        f.write(content)

    return f"File saved at {filename}"
```

**Not specify the overall goal and not dividing it using tags.
Image description**

Task: Enhance an existing web page using ****HTMX + Eleventy**

Goal: Create a modular, scalable structure that allows ****f**

**Page Elements**

**Navigation Bar (Before Sign-In)**

- Display a ****Sign In**** button in the navbar.
- When clicked, show a ****Sign In Form**** with:
 - ****Username**** field
 - ****Password**** field
 - ****Submit button****
- Ensure the form structure allows future backend integrat

**Post Sign-In (Dashboard Page)**

- Upon submitting valid details (static validation for now)
- The ****navigation bar**** should now contain:
 - ****Home****
 - ****Products****
 - ****Sales****
 - ****Inventory****

What worked

Specifying tasks and subtask with tags.

Specify the overall objective.

Add the response back in the prompt.

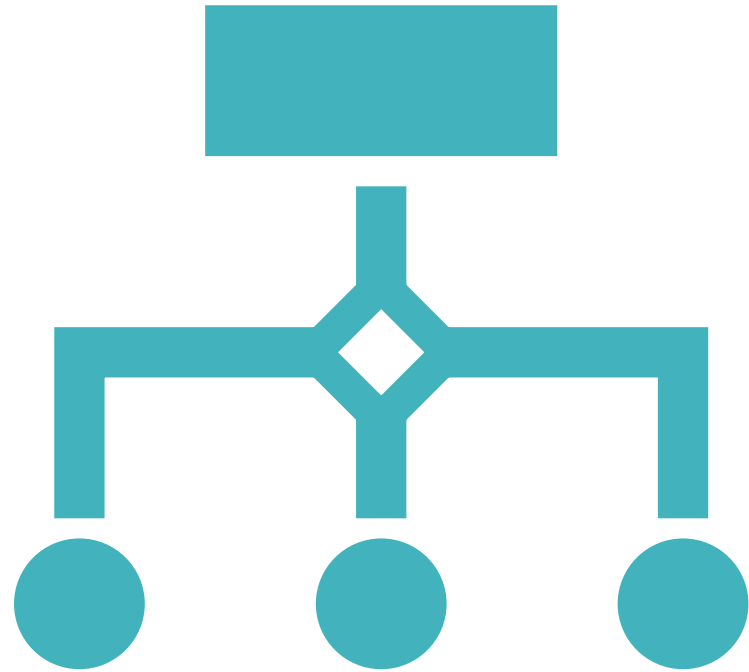
Put the the file with file name tags in the prompt.

Specify the file names you want to get.

```
<Task> Enhance an existing web page using **HTMX + Eleventy (11ty) + T

### **<Subtask> Page Elements </Subtask>**

#### **<Subtask> Navigation Bar (Before Sign-In) </Subtask>**
- Add a **Sign In** button in the navbar.
- When clicked, open a **new Sign In page** containing:
  - `
```



Searched Website found some interesting ideas

Inspected it if I like navbar, body.

Copied that portion and gave screenshot to GPT to generate a comprehensive prompt.

Give it with tags. Specify the files you want to change.

based on the files i have in the directory create a sqlite schema in 2NF database schema so that it can easily be integrated to have all the functionality.

Database Schema with cursor

Was able to with api by giving all the files

```

CREATE TABLE vendors (
  vendor_id INTEGER PRIMARY KEY AUTOINCREMENT,
  name TEXT NOT NULL,
  contact_person TEXT,
  email TEXT,
  phone TEXT,
  address TEXT,
  created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
  updated_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
  status TEXT CHECK(status IN ('active', 'inactive')) DI
);

-- Product Vendor Mapping
CREATE TABLE product_vendors (
  product_id INTEGER,
  vendor_id INTEGER,
  price_offered DECIMAL(10, 2) NOT NULL,
  last_updated TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
  is_preferred INTEGER DEFAULT 0,
  PRIMARY KEY (product_id, vendor_id),
  FOREIGN KEY (product_id) REFERENCES products(product_id),
  FOREIGN KEY (vendor_id) REFERENCES vendors(vendor_id)
);

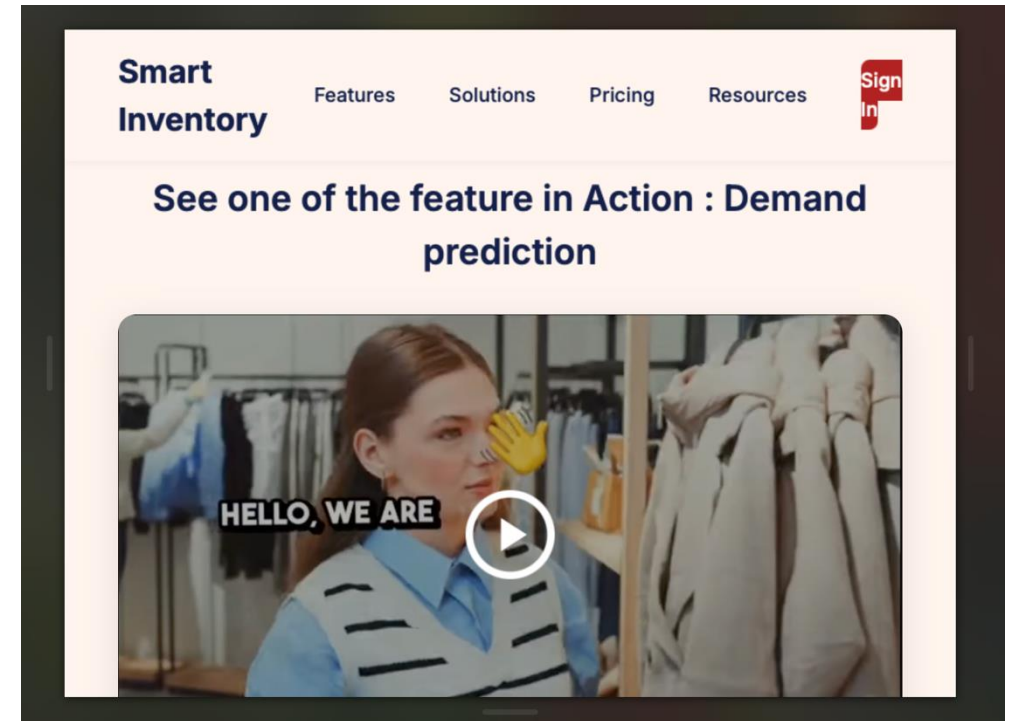
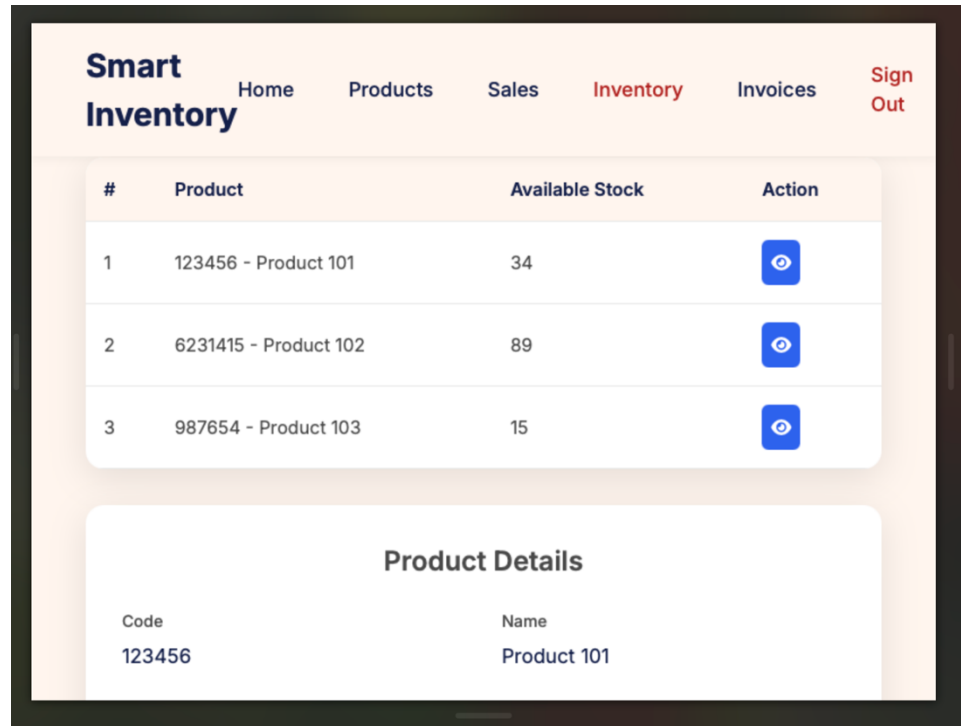
```

```

-- Products table
CREATE TABLE products (
  product_id INTEGER PRIMARY KEY AUTOINCREMENT,
  code TEXT UNIQUE NOT NULL,
  name TEXT NOT NULL,
  description TEXT,
  mrp DECIMAL(10, 2) NOT NULL,
  predicted_price DECIMAL(10, 2),
  current_stock INTEGER NOT NULL DEFAULT 0,
  predicted_quantity INTEGER,
  min_stock_level INTEGER,
  created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
  updated_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
  status TEXT CHECK(status IN ('active', 'inactive'))
);

```

**Products, vendors, sales,
transactions and other.**



Responsiveness

Did not bother me much