Scenario: Inventory Management System

You are hired by a small retail business that sells different types of products. They are struggling to keep track of their inventory, and often run out of stock or order too much of a certain product. Your task is to develop an inventory management system to help them keep track of their inventory levels, orders, and sales.

The system should have the following functionalities:

* **Add new products to the inventory:** The system should allow the user to add new products to the inventory along with their name, description, quantity, and price.
* **Modify existing products:** The system should allow the user to modify the details of existing products in the inventory.
* **Delete products:** The system should allow the user to delete products from the inventory.
* **Search for products:** The system should allow the user to search for products based on their name or description.
* **Display all products:** The system should display a list of all the products in the inventory along with their details.
* **Generate a sales report:** The system should generate a sales report. The report should show the total sales revenue, the number of products sold, and the quantity of each product sold. Simply said (multiply the product stock with the price and show the result for each products also after calculate the each of the product individually then print the total price).

To implement this system, you need to use structures to represent the products in the inventory. Each product should have a **name**, **description**, **quantity**, and **price**. You should also use **file** handling to store the inventory data in a file. The system should read the data from the file when it starts up, and write the data back to the file when the user modifies the inventory.

You should also use functions to implement the different functionalities of the system. For example, you can create a function to add a new product to the inventory, a function to modify an existing product, a function to delete a product, and so on.

Finally, you should create a user interface to make the system easy to use. You can use the command-line interface to get user input and display the results.