

Oud Inventory Manager

Project Overview

Oud Inventory Manager is a secure web application for fragrance sellers that allows tracking and managing oud oils, attars, and perfume blends. The system allows users to add new products, view all inventory, update product details, and delete items that are no longer available. This project demonstrates a full CRUD application using NodeJS, ExpressJS, MongoDB/Mongoose, and EJS templating.

Purpose of Application

Oud oils are pricey, rare, and exist in multiple types and sizes; this makes inventory tracking crucial for any business owner. This application replaces the need for manual tracking with a digital system that categorizes oud products, maintains stock levels, tracks pricing, and keeps supplier information easily accessible. It ensures the user always knows precisely what inventory is available, stopping potential issues with stock errors or product losses.

Target groups

- Small fragrance or oud shops
- Enthusiasts
- Online oud/attar sellers
- Collectors who track personal oud inventory

Crud

- Create: Add new oud items with the following information: name, type, size, quantity, purchase price, selling price, and supplier.
- Read: Display a neat, well-organized listing of all oud items within stock.
- Update: editing in case of change of inventory, updating prices of a product.
- Delete: oud items can be removed by confirming a prompt without causing accidental deletion.

Page Structure

- Home Page: Simple splash page introducing the application.
- Inventory List: Lists all oud items in a table along with action buttons.
- Oud Add: Form for creating new items of inventory.
- Edit Oud: Form for modifying existing product details.
- Delete Confirmation: Confirms the removal of an item.
- Shared Header & Footer: For consistent navigation and design.

Oud Inventory Manager

Nav bar

type	price	stock	origin	edit	delete

Footer

Oud Inventory Manager

Nav bar

View Inventory	Add New Oud
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Footer

Oud Inventory Manager

Add New Oud

Name
Origin
Stock
Price

Footer

