ROUTE MASTER V6

<code documentation>

Dashboard Module

Purpose: It also serves as a homepage where the user can find brief information on the major features and a donation button.

Products Module

Purpose: Handles the product list, which covers creation, modifications to products, and the arrangement of products.

Functionality:
- Product Listing: Only attached on a bar at the top to show a list of all featured products in the system with name SKU price and stock status.
- Product Categories: Is a way of arranging products, for instance through putting similar products together in a category.
- Bulk Actions: Has options to make bulk actions such as editing, deleting or any other action on multiple products.

User Interface:
Filters and search allow the user to locate a given product easily.

Orders Module

Purpose:
Being committed to the processes of viewing, managing, and processing the customer orders.

Functionality:
- Order Management: Provides a list of customer's orders, and within each contains information consisting of order number, client's name, date of order, total order price, and order status that can be either pending, shipped or completed.
- Order Details: Visual details of an order form include items, shipping, payment tabs, which offer extensive information once clicked.
- Order Processing: It contains features for modifying the current order status, tracking information updates, and the option for handling refunds/returns.
- Order Filtering: Enables the selection using date range, status of order, the customer, or in accordance with other parameters.

Customers Module

Purpose: Stores client information such as their contact details, order history in the system, and records of the communication done.

Functionality:

Customer List: : Successfully shows a list of all the customers as well as their name, email, phone number and total orders.

Customer Profiles: When a customer is clicked, the customer overview form is expanded with many tabs presenting information about the customer such as order history, customer's contact information and additional notes.

User Interface:

- A list of contacts as the main content with search and filtering and detailed user profiles.

Supplier Module

Purpose: has supplier information such as address and other information about where to source the suppliers' products.

Functionality:

- Supplier Directory: Provides a list of the suppliers with the details like the name of the suppliers, contact person, phone number, and the product it deals with.
- Supplier Profiles: When a supplier is selected, a detailed view of the supplier appears, containing information about the supplier's contact information, his/her orders, and the communication records.
- Order Management: Enables the user to order from suppliers and monitor orders as well as incoming stocks and keeping of transactions.
- Supplier Contracts: It holds records of various suppliers, their contracts or agreements, and their respective renewal date and other provisions.

Routes Module

Purpose:

Responsible for managing routes that are described, planned and used for organizing the getting the items from one point to another.

Functionality:
- Route Planning: Facilitates the generation of delivery schedules on the basis of elements such as distance, time windows and drivers.
- Route Tracking: Can track active routes, which means the status of deliveries and if there are problems, the delivery status will show it.
- Driver Management: Oversees the work of the drivers, and their work schedules especially in relation to the routes assigned to them.
- Route History: Records previous routes that have been made by delivery personnel, the time taken, problems faced, as well as customers' feedback given.

User Interface:
- Has integrated a map to enable the user to view different routes and also track delivery services in real-time.

User Settings Module

Purpose: Allows the user to choose the kind of tools necessary, parameters which must be set, identity details, and other account details.

Functionality:
- Profile Management: Account details enable the users to change personal information for instance name, email address, password among others.
- Preferences: Allows users to set up according to the notification sound,
- language and even the time zone.
- Security Settings: The options may include the options of two factor authentication, the possibility to restrict the devices that can be used to log into the account, as well as the potential account recovery details.
- Account Management: Introduces ideas for managing the subscription based services, payment options and the opportunity to check billings is quite comfortable.

User Interface:
- It consists of a wide tab bar to select different features on your Web application.
- Forms are adopted if there is a need to alter some of the information that is presented and there are labeled buttons with either 'Submit' or 'Discard.