**[Project Management Assignment 2 Creative Brief]**

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**[Login Page]**

* When users open the application, they will find a login interface to ask them enter user name and password.

* When the user name and password are matched, depends on users’ security levels, ADMIN level users will go to Admin Level Page, and USER level users will go to User Level Page.

**[Logout Feature]**

* After success login, user in Both Admin and User level can click logout button on the right top corner at any time to log out the application and users will be redirect to login page.

**[Admin Level Features]**

* Admin Home Page
* Add Users
* Change User Security Level
* Add Categories
* Update Categories
* Add Suppliers
* Update Suppliers
* Add Products
* Update Products
* All User Level Features

*Admin Home Page*

* When admins arrive at this page, they will find a welcome message, their profiles and photos, and a description of admin’s permissions and responsibilities.
* At the top of the page, there are a series of links that can bring admins to different pages. The links are listed below:
* User Management – this link will bring admins to User management home page, admins can add, modify, and disable users as well as change user security level on this page.
* Product – this link will bring admins to Product home page, admin can add, modify, and disable products on this page.
* Plus, all User level features.
* Category – this link will bring admins to Category home page, admin can add, modify, and disable categories on this page.
* Supplier – this link will bring admins to Supplier home page, admin can add, modify, and disable suppliers on this page.
* There are other links to allow Admins to access all orders and customers, and view sales report.
* These links are also included in each admin subpage so that admins can switch to another function or be back to Admin home page anywhere.
* There is a “Logout” button on Admin Home page to allow admin log off and be back to Login page.

*Add Users*

* When admins click “New User” link on User home page, they arrive at New User page to add a new user. This page provides new user form allowing admins to enter employee id, employee name, title, hire date, department, employee’s superior, personal information, photo file name, home phone number, extension number, and status. admins can also set an initial password, and select security level for the new user.
* Clicking “Submit” button, the system will validate all input fields of the form. If validation fails, the form will not be submitted, and the system will display the appropriate errors. If validation succeeds, the form will be submitted to the system.
* After submitting the new user form successfully, they will arrive at success page. This page will display the success information and the new user information. At the bottom of this page, there is a link to allow admins to continue adding a new user.

*Change User Security Level*

* User home page provides a user search bar and a “Display All Users” button to allow Admins to find user(s) by user id, user name, department, or list all users.
* All results will be displayed on User Search Result page, and admins can select one to update.
* After selecting a user and clicking “Edit” button on User Search Result page, admins arrive at User Information page, admins can modify the profile or change the security level of this user.
* If a user is not available anymore, the status of this user can be set to “Inactive”.

*Add Categories*

A new category can be added by admins on Category home page. When admins click “New Category” link on this page, they arrive at New Category page. This page provides a new category form to allow admins to enter new category name, description, photo file name, and status.

*Update Category*

Admins can update categories on Category home page.

* Category home page provides a “Display All Categories” button. When this button is clicked, all categories will be displayed on Category List page, and admins can select one to update.
* After selecting a category and clicking “Edit” button on Category List page, admins arrive at Category Information page. Admin can update the category on this page.
* If a category is not available anymore, its status can be set to “inactive”.

*Add Suppliers*

A new supplier can be added by admins on Supplier home page. When admins click “New Supplier” link on this page, they arrive at New Supplier page. This page provides a new supplier form to allow admins to enter the company name, contact name, contact title, address, city, region, country, postal code, phone, fax, home page name, and status.

*Update Suppliers*

Admins can update suppliers on Supplier home page.

* This page provides a supplier search bar and a “Display All Suppliers” button to allow admins to find a supplier by supplier id or supplier name, or list all suppliers.
* All results will be displayed on Supplier Search Result page, and admins can select one to update.
* After selecting a supplier and clicking “Edit” button on Supplier Search Result page, admins arrive at Supplier Information page. They can modify the information of this supplier on this page.
* If a supplier is not available anymore, its status can be set to “inactive”.

*Add Products*

* When admins click “New Product” link on Product home page, they arrive at New Product page. There is a new product form on this page to allow admins to enter the product name, price, supplier id, and category id, quantity per unit, price, stock and order information, recorder level, and status.
* When admins click “Submit” button, they will arrive at success page if validation succeeds. The new product information will be displayed on this page. At the bottom of this page, there is a link to allow admins to continue adding a new product.

*Update Products*

Admins can update products on Product home page.

* This page provides a product search bar and a “Display All Products” button to allow admins find (a) product(s) by product Id, product name, category, supplier, or list all products.
* All results will be displayed on Product Search Result page. Admins can select one to update.
* After selecting a product and clicking “Edit” button, admins arrive at Product Information page, and update the product they selected.
* If a product is not available anymore, its status can be set to “Discontinued”.

**[User Level Features]**

* When users arrive at this page, they will find a welcome message, their profiles and photos, and a description of user’s permissions and responsibilities.
* At the top of the page, there are a series of links that can bring users to different pages. The links are listed below:
* Add new order
* Add new customer
* Update order
* Update customer
* Search
* Sales report.

*Add New Order*

Add Order feature will allow users to add new order to the database.

* The fields in the form includes, Customer Id, Products Id, Quantity, Unit Price, Total Price, Employee Id, Order information, Shippers information and Discount information if is applied.
* After the submission, if the customer is existing in the database, new order will be added into existing customer's records.
* Otherwise, system will perform Find New Customer feature.

*Find New Customer*

* After Submit Add Order Form, if system finds the customer in this order is not an existing customer in the database, users will be asked to fill Add New Customer Form
* After user completing the form the new order will be auto added into this new customer record.

*Add New Customer*

Add New Customer feature will allow users to add new customer to the database.

* The fields in the form includes, Customer Id, Company Name, Contact Name, Contact Title, Address, City, Region, Postal Code, Country, Phone, and Fax.

*Update Order*

Update Order feature will allow users to update existing order in the database.

* When users select the order, the existing information of this order will show up.
* User can update the order information.

*Update Customer*

Update Customer feature will allow users to update existing customer in the database.

* When users select the customer, the existing information of this customer will show up.
* Users can update the customer information.

*Search*

When user click the “search” on the navigation, they will arrive at a Search page. This page will feature: a form that user can enter Customer Name or ID or Order ID, and a “Search” button.

* After user enter Customer Name or ID and click the “Search” button, it will display all previous customer order information with a total of all sales.
* If there is no information, the user can choose to add a new customer into database. Click the “Add a new customer” button to input a new customer information.
* When the user input the Order ID in the search page, if there is an order exist in database, it will display the order information. If there is no such order, user can click the “add an order” button to add a new order.

*Sales report*

When user click the “Sales report” on the navigation, they will arrive at a Sales report page. This page will feature: display a sales report and a “Save” button.

* User can view report on their own activities, Admins can view report on all of them
* this report is to view a snap shot of how our sales and sales staff are performing over time. It displays the quantity and dollar amount of each sale with a total at the bottom, and a commission paid at 8% of total sales.
* The report interface will allow the user to select a start and end date as well as an employee and view their orders.