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THEDECORKART INVENTORY MANAGEMENT

Software Design Pattern

A PROJECT REPORT

Submitted by

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INVENTORY MANAGEMENT

Abstract

This Inventory Management Report provides a comprehensive overview of the current inventory status and performance metrics. The purpose of this report is to analyze inventory levels, turnover rates, and related costs to ensure efficient inventory management and optimal stock levels.

The report includes a detailed glossary of key terms used in inventory management to facilitate understanding and clarity. The glossary covers essential concepts such as Inventory Turnover Ratio, Stock Keeping Unit (SKU), Reorder Point, and among others. Each term is defined to provide context and support accurate interpretation of the inventory data presented.

Introduction

Effective inventory management is critical for optimizing business operations, minimizing costs, and meeting customer demands. This report aims to provide a detailed analysis of our current inventory status and performance, offering insights into key metrics and operational efficiencies.

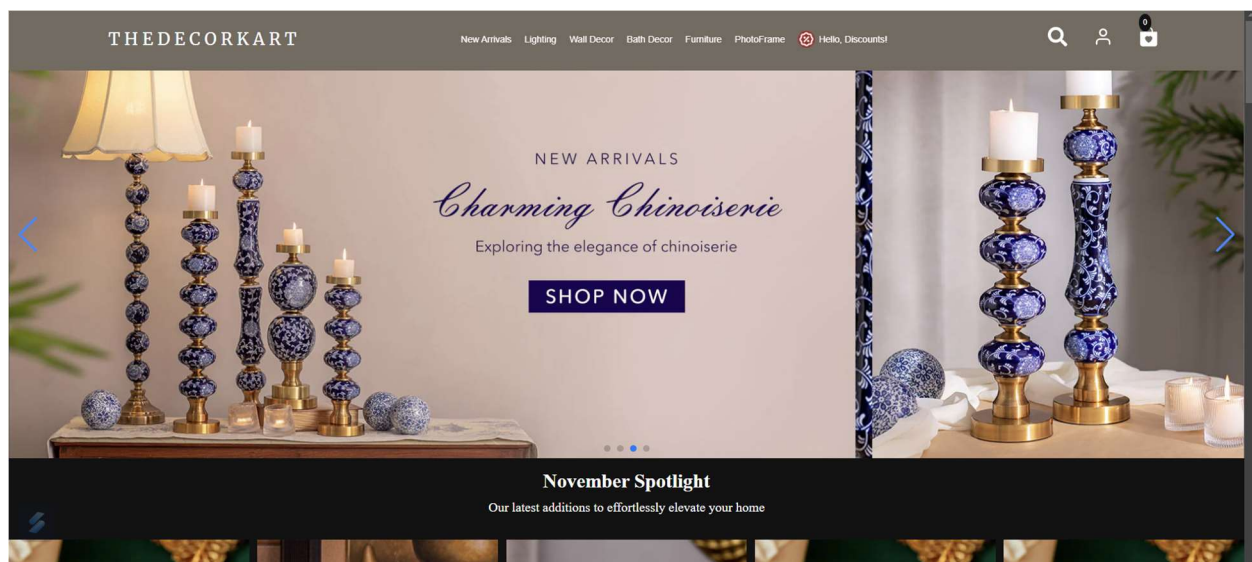
As part of this report, we have included a comprehensive glossary of inventory management terms. The glossary is designed to clarify and define key concepts that are central to understanding and interpreting the data presented. Whether you are a seasoned inventory professional or new to inventory management, the glossary will serve as a valuable resource for navigating the complexities of inventory control.

1. Home Page

Purpose: The home page serves as the landing page for users visiting the inventory management system. It provides access to the login and registration functionalities.

- **Login:**
 - **Functionality:** Allows existing users to access their accounts.
 - **Components:**
 - **Username:** Input field for the user's unique identifier.
 - **Password:** Input field for the user's password.

- **Submit Button:** Button to submit login credentials.
- **Forgot Password:** Link to recover or reset forgotten passwords.
- **Signup/Register:**
 - **Functionality:** Enables new users to create an account.
 - **Components:**
 - **Register Button:** Redirects users to the registration page.
 - **Description:** Brief text encouraging users to sign up for access to the system.
- **Footer:**
 - **Components:**
 - **Contact Information:** Details for customer support or inquiries.
 - **Privacy Policy:** Link to the privacy policy page.
 - **Terms of Service:** Link to the terms and conditions page.
 - **Social Media Links:** Icons linking to social media profiles of the organization.



2. Dashboard

The dashboard is the main interface for users once they log in. There are two types of dashboards: User Dashboard and Admin Dashboard.

- **User Dashboard:**

- **Purpose:** Provides standard users with access to their personal inventory management functions.
- **Components:**
 - **Inventory Overview:** Displays a summary of the user's inventory status, including key metrics and alerts.
 - **Manage Inventory:** Links or buttons to add, edit, or delete inventory items.
 - **Reports:** Access to various reports such as stock levels, turnover rates, and order history.
 - **Notifications:** Alerts for low stock, upcoming orders, or system updates.
 - **Profile Management:** Options to update personal information and settings.

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Product Dashboard

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Dashboard

Products

Categories

Suppliers

Purchase Orders

Sales Orders

Inventory

Report

Help/Support

ADD PRODUCT

Serial Number	Product Name	Count(No/Kg/Litre)	Amount	Actions
1	Mixed Vegetables	1	Rs.540.00	<div><div></div><div></div></div>
2	GoldWinner	2	Rs.90.00	<div><div></div><div></div></div>
3	Apple	1 kg	Rs.250.00	<div><div></div><div></div></div>

- **Admin Dashboard:**

- **Purpose:** Provides administrators with comprehensive control over the entire inventory system and user management.
- **Components:**
 - **User Management:** Tools to manage user accounts, including adding, editing, or removing users.
 - **Inventory Management:** Oversee inventory across the system, including adjusting stock levels and reviewing reports.
 - **System Settings:** Configuration options for system parameters and preferences.
 - **Reports:** Detailed reports on inventory performance, user activity, and system health.
 - **Audit Logs:** Records of system activities and changes for security and compliance purposes.

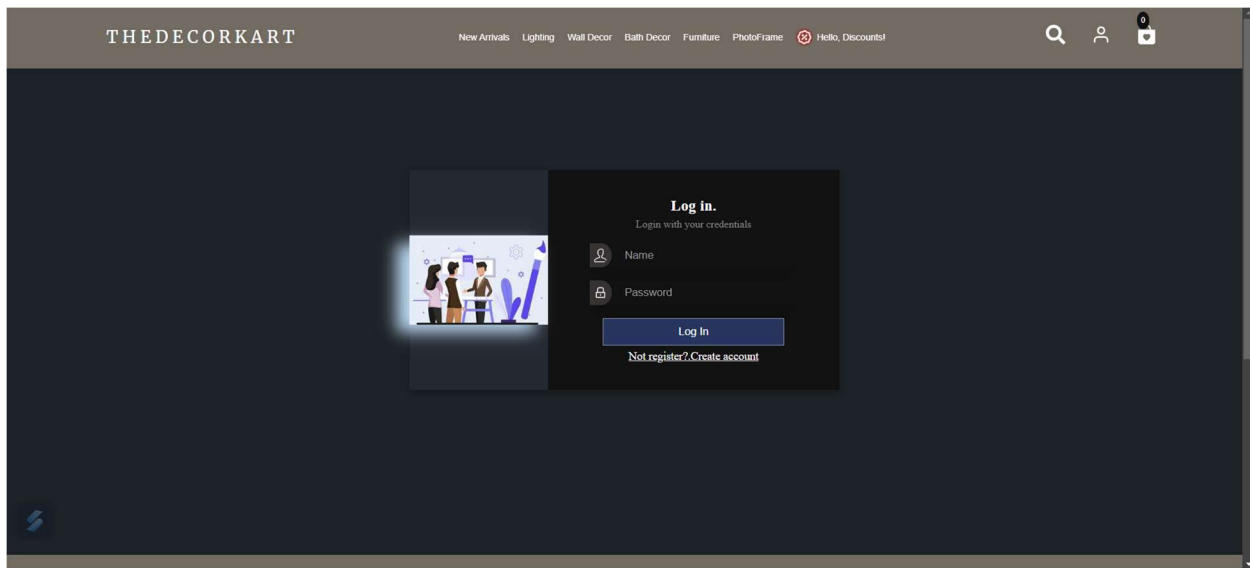


3. Login Page

Purpose: The login page is used for user authentication, allowing access to the inventory management system.

- **Components:**
 - **Username Field:** Input field for the user to enter their username.

- **Password Field:** Input field for the user to enter their password.
- **Login Button:** Button to submit the login credentials.
- **Remember Me:** Checkbox to remember the user's login credentials for future sessions.
- **Forgot Password:** Link to initiate the password recovery process.

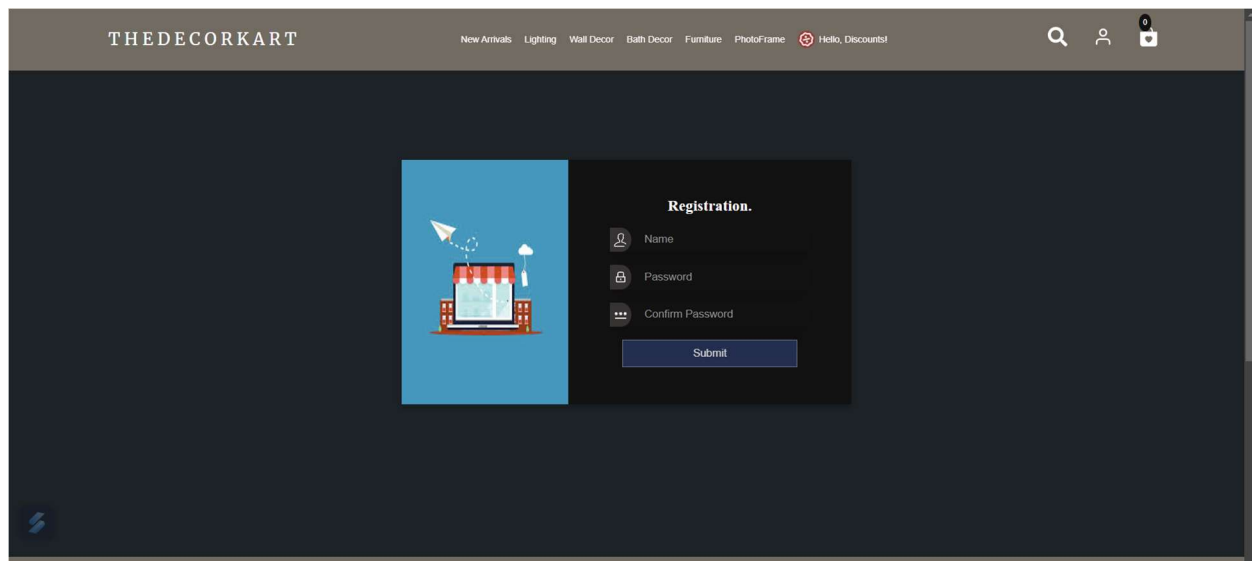


4. Registration Page

Purpose: The registration page allows new users to create an account by providing their personal information.

• Components:

- **Full Name:** Input field for the user's full name.
- **Username:** Input field for choosing a unique username.
- **Email Address:** Input field for the user's email address.
- **Password:** Input field for setting a password.
- **Confirm Password:** Input field to re-enter the password for confirmation.
- **Phone Number:** Input field for the user's contact number.
- **Submit Button:** Button to complete the registration process.



Conclusion

In conclusion, this Inventory Management Report provides a thorough examination of our inventory system's current state, highlighting key metrics, performance indicators, and the functionality of various user interfaces. The inclusion of a comprehensive glossary ensures that all stakeholders, whether familiar with inventory management or not, have a clear understanding of the terminology and concepts used throughout the report.