



AMAL JYOTHI
COLLEGE OF ENGINEERING
A U T O N O M O U S
KANJIRAPPALLY

WOODPECKER

FURNITURE MANAGEMENT SYSTEM

20INMCA310 - Mini Project

Scrum Master

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ABSTRACT

The Furniture Management System (FMS) is a user-friendly platform designed to streamline furniture sales, inventory management, and customer interactions. It connects suppliers, customers, and administrators for a smooth buying and selling experience.

The system supports three main roles: **Admin, Seller, and Buyer**. Key features include managing products, processing orders, and secure payments. Its scalable design helps businesses grow, improve customer service, and track sales effectively. **The FMS is relevant for:** Furniture suppliers looking to manage their inventory and sales efficiently. Customers seeking a convenient platform to browse and purchase furniture. Admins requiring a centralized system to manage user interactions, sales, and inventory. The technologies used in this website include Front-end: HTML, CSS, JAVASCRIPT, Back-end: PHP, Database: MySQL

Modules with functionalities:

User Functionality

- **Registration:** Create account with personal details.
- **Login:** Access account using email and password.
- **Browse Furniture:** Explore products by category, price, and brand.
- **Product Details:** View detailed product information and images.
- **Add to Cart:** Add selected products to shopping cart.
- **Checkout:** Complete purchase with payment and delivery options.

Seller Functionality

- **Registration:** Create account with business details.
- **Login:** Access account using email and password.
- **Add Products:** Add new furniture products with description, price, and images.
- **Manage Inventory:** Manage product stock levels and availability.
- **Order Management:** View and manage orders, including shipping and buyer communication.
- **Payment Management:** View and manage payments, including transaction history and balance.

Admin Functionality

- **Login:** Admins can log in to their account using email and password.
- **Manage User Accounts:** Admins can view, edit, and delete buyer and seller accounts.
- **Manage Products:** Admins can view, edit, and delete furniture products.
- **Manage Orders:** Admins can view, edit, and delete orders.
- **Manage Payments:** Admins can view, edit, and delete payments.

