

# Day 7 of Hackathon Marketplace - [Furniture]

## ❖ Admin Panel Features

The admin panel includes a comprehensive set of tools for managing the marketplace efficiently. Here are the key features:

### 1. Authentication & Security

- Secure **login system** for admin access.
- Role-based access control (only authorized admins can make changes).

### 2. Order Management

- View all **orders** placed by users.
- **Search and filter** orders based on status, date, or user ID.
- **Update orders** (e.g., change order status, modify details) – updates directly in **Sanity CMS**.
- **Delete orders** – removal from both the UI and **Sanity database**.

### 3. Shipment Tracking

- View all **shipments** and track their status.
- Update shipment details in **Sanity**.
- Search shipments using filters.

### 4. User Management

- View **registered users** and their order history.
- Search for users using filters.
- Update or remove users if necessary.

### 5. Stock & Inventory Management

- **View stock levels** of furniture items.
- Update stock (e.g., add new items, update quantities) – changes reflected in **Sanity CMS**.
- Search and filter stock items.

### 6. Reviews & Feedback

- Monitor **customer reviews** on products.
- Approve or delete inappropriate reviews.

## 7. Analytics & Reporting

- View **total users**, total **orders**, and **profit statistics**.
- Graphical insights into sales trends.

## 8. Dark & Light Theme Support 🌑

- **Toggle between dark and light mode** for better UI accessibility.
- Theme preference stored for user convenience.

## 9. Upcoming Feature: Notification System 🔔

- Implementing **real-time notifications** for new orders, low stock alerts, and user actions.

This admin panel ensures seamless control over the marketplace, allowing efficient management of orders, shipments, stock, users, and analytics. 🚀

## ❖ Functionality

1. **Real-Time Updates:** Any modification (orders, shipments, users) syncs with Sanity CMS instantly.
2. **Deletion Sync:** If an order is deleted, it is removed from the Sanity database as well.
3. **Search & Sorting:** Admins can filter and sort data for better management.
4. **Secure Authentication:** Only authorized users can access and modify data.

## ❖ Conclusion

The marketplace's admin panel provides a seamless experience for managing furniture orders, shipments, stock, users, and analytics. With real-time database synchronization, dark/light theme support, and an intuitive UI, administrators can efficiently monitor and control the entire e-commerce operation. Upcoming enhancements like a notification system will further streamline operations, ensuring a responsive and well-managed marketplace.

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