Product Requirement Document (PRD) - Version: 1.0

Template Name: Hotel Management Using Nest & Next JS

Goals and Objectives:

The goal is to provide a secure and efficient platform for managing hotel operations, including bookings, restaurant services, staff management, and role-based access control.

Key features include:

- Customers can book rooms, request hotel services, and order food items
- Admin dashboard with master control
- Restaurant page management
- Role-based access for staff (e.g., manager, receptionist)
- Integration with billing, inventory, and feedback systems
- Room service management

Client Information:

Product Type: Web Application

Domain: Web2

Access Layers: Admin, Management, Customer

Design Required: Yes

Phase	Item No.	Specification [Role]	Screen Definition	User Story	Acceptance Criteria	UI Screen/ Wireframe	Tags
Feature: 1		**Dashboard**					
Phase 1	1	Inventory Dashboard [Admin, Inventory Manager]	<Form> <input=Search> <option=Type?> <option=Category?> <option=Availability Status?> <table> Item Name	- View real-time inventory levels (current quantity, issued, returned, used).	- Data must match Inventory table fields (item_name, quantity, issued, returned, used,		inventory_dashboard

			Current Quantity Issued Returned Used Last Ordered Order Price <button=add_item> <button=update> <button=issue_item> <button=view_history>	- Click "Add Item" to add new stock [button]. - Click "Issue Item" to allocate items to departments [link]. - Click "View History" to see inventory activity [link].	ordered, order_price). - Searching items by name - Filtering by item type category and availability status is supported. - If the item is not available, show "Item not found!" - On adding an item, show "Item added!" and update the table. - On issuing an item, deduct from stock and log in the Inventory table. - "View History" redirects to the inventory history page		
Phase 2	2	Restaurant Dashboard [Admin, Manager, Staff]	<Form> <input=Search> <option=Type?> <option=Category?>	- View menu items, prices, and availability.	- Menu data must match the Restaurant table		restaurant_dashboard

			<option=Availability Status?> <table> Menu Item Price Availability Order Count (Today) <button=add_menu_item> <button=place_order> <button=view_orders>	- Click "Add Menu Item" to update the menu [button]. - Click "Place Order" to create new orders [link]. - Click "View Orders" to see order history [link].	(item_name, item_price, availability). - Order count updates in real-time based on the Restaurant_History table. - Searching food items by name - Filtering by food item type category and availability status is supported. - If the food item is not available, show "Food item not found!" - "Add Menu Item" validates uniqueness and updates the Restaurant table - "Place Order" requires a valid item selection and quantity.		

				- "View Orders" redirects to the order history page with filters.		