

Graduation Project Proposal Form

1. Project Information

- **Project Title:** Tie&Suit
- **Course/Track:** Odoo Application ERP
- **Team Members:**
 1. Mohammed Essam Aldeen Abd AlTawab Abass
 2. Mohamed Sameh Hussain Abed
 3. Afnan Mohamed Fathy Ahmed Shoman
 4. Mahmoud Khalaf Abdelsattar Amin
 5. Rawan Ahmed Hussein El-Mahankar

2. Project Overview

- **Objective:**

Optimizing inventory management to reduce waste and increase profitability and Providing an integrated system for managing sales, invoicing, and customer service

- **Scope of Work:**

A. Purchase Module

- Configure the purchase module to manage supplier data and purchase orders.
- Enable tracking of incoming shipments and integration with inventory.

B. Sales Module

- Set up sales workflows, including quotations, orders, and invoicing.
- Integrate with inventory to ensure real-time stock availability during order processing.

C. Inventory Module

- Implement inventory management for tracking stock levels, product movement, and reordering.

D. Accounting Module

- Configure chart of accounts and taxation rules as per local regulations.
- Automate invoice generation and payment tracking for customers and vendors.

E. Website Design

- Create a professional, responsive website design tailored to the store.

Expected Outcomes:

- Automating manual processes like sales, invoicing, and inventory management, reducing errors and saving time.
- Minimizing waste and avoiding stock outs through automated reorder alerts.
- Ensuring compliance with tax regulations through an accurate and integrated accounting system.

3. Problem Statement

- Manual handling of tasks like sales, inventory, and accounting leads to errors, wasted time, and operational delays.
- Disconnected systems make it difficult to track real-time data across operations, resulting in inefficiency and inaccurate decision-making.
- Lack of an online presence and inefficient customer service reduce the ability to attract and retain customers.

4. Proposed Solution

- **Technologies Used:**
- Odoo ERP System
- **System Architecture:**
- We utilized the main dashboard containing all the modules as the backend interface for users. The modules we included are [Sales, Inventory, Purchase, Manufacturing]. Additionally, we used Odoo's Website module to serve as the main frontend interface. This setup allowed us to provide a seamless experience.

5. Resources Needed

- **Hardware/Software:**
- **Software**
- Odoo ERP System
- Database
- **Hardware**
- Desktops, laptops, or tablets with internet access

6. Approval

- **Instructor/Advisor:**
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- **Signature:**
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