

## Graduation Project Proposal Form

### 1. Project Information

- **Project Title:** Warehouse Reorganization ( Odoo ERP Implementation for Food Distribution Company )
- **Course/Track:** Odoo Application Consultant
- **Team Members:**
  1. Mohamed Nabil Mohamed Alshamy
  2. Mohamed Mahdi Abdelmaqsoud
  3. Mohamed Abdelkhaleq Abdelmaboud Shalaby
  4. Mahmoud Mohamed Mohamed Soliman Mohamed
  5. Hossam Abdelhamid Mohamed Sarhan

### 2. Project Overview

- **Objective:**
  - To implement an integrated ERP system using Odoo to efficiently manage the company's operations, including sales, purchasing, inventory, accounting, and customer relationship management (CRM), aiming to enhance operational efficiency, minimize errors, and provide better visibility over financial and operational performance.
- **Scope of Work:**
  - Study and analyze the current business requirements.
  - Install and configure the necessary Odoo modules:
    - Sales
    - Purchase
    - Inventory
    - Accounting
    - CRM
  - Customize modules as per the business needs.
  - Provide training to end-users.
  - Perform system testing before the live run.
  - Go-live execution and post-implementation support.
- **Expected Outcomes:**
  - An integrated ERP system connecting all company departments.
  - Reduction in time and effort spent on manual processes.
  - Improved control over inventory and financial operations.
  - Enhanced customer service and increased sales performance.

### 3. Problem Statement:

- The client is currently contracting with two companies ( Lamar and Dream Foods Company ) to distribute their products. As part of their business expansion plan, they intend to partner with three additional distribution companies ( Americana, Double dare and ZEE-Cola companies ) .
- Anticipated Challenges:
- With this expansion, the client is expected to face several operational challenges, including:
- Difficulty in accurately tracking inventory due to the increased number of distribution points and higher transaction volumes.
- Weak integration between key departments (Sales, Inventory, and Accounting), leading to:
- Delays in accessing accurate and up-to-date information.
- Slower decision-making processes.
- Limited capability to monitor overall business performance in real-time across all contracted distributors.
- Inefficiencies in providing effective customer service due to information delays and the lack of a comprehensive operational overview.

### 4. Proposed Solution

- Recommendation : To address these challenges and improve operational efficiency, it is recommended to consider implementing an integrated Odoo ERP system. This would connect all relevant departments, enable real-time accurate reporting, support faster and more informed decision-making, and ensure consistent, high-quality service delivery to customers
- **Technologies Used:**  
Install and configure the necessary Odoo modules ( Purchase , Inventory , Sales , Accounting and CRM )
- **System Architecture:**  
Application Server: Odoo ERP Server

### 5. Resources Needed

- **Hardware/Software:**
- ERP Consultant
- Developer (for Customization & Integration)
- System Administrator
- End-Users (Purchase, Sales, Inventory, Accounting and CRM)

### 6. Approval

- **Instructor/Advisor:**

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- **Signature:**

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