

## Graduation Project Proposal Form

### 1. Project Information

- **Project Title:** “Premier Furniture” (Furniture Shop)
- **Course/Track:** ERP\_ Odoo Application Consultant.
- **Team Members:**
  1. Zaher Shaban Zaher El-Metwally
  2. Kholoud Nashaat Mohamed
  3. Toqa Mamdouh Kamal
  4. Maryam Mohamed Ahmed Shawki
  5. Marina Shaker Helmy
  6. Nermeen Reda Ahmed
  7. Rawan Khouder Mahmoud
  8. Reham Moawad

### 2. Project Overview

- **Objectives:**
  - Centralized real-time data and enhance reporting process.
  - Increase data security.
  - Inventory management.
  - Order tracking.
  - Improve customer service.
  - Automation.
  - Financial management and lower costs.
- **Scope of Work:**
  - Streamline business processes and improve efficiency.
  - Enhance data accuracy and accessibility.
  - Improve decision-making capabilities.
  - Reduce operational costs.
- **Expected Outcomes:**

Odoo ERP system implementation expected overall outcome is to transform the organization’s operations, improve its overall performance, and drive sustainable growth.

  - Improved efficiency and productivity: Streamlining business processes and automating tasks will lead to significant time and cost savings.
  - Enhanced data accuracy and accessibility: Centralized data storage and management will improve data quality and ensure consistent information across departments.
  - Better decision-making: Real-time access to accurate data will enable informed decision-making and proactive problem solving.
  - Reduced operational costs: Automation, streamlined processes, and improved efficiency will contribute and decrease the costs required for the business processes.
  - Improved data accuracy and consistency: Maintaining a centralized database with accurate and up-to-date information.

- Improved security and risk management: Protecting sensitive data and mitigating risks through robust security measures.

### 3. Problem Statement

We are establishing an Odoo ERP system for a furniture shop and we defined some problems that was facing the business as:

- Inefficient manual processes: The business is struggling with time- consuming manual processes, leading to errors, delays, and low productivity.
- Lack of visibility and control: The shop lacks real-time visibility into key business metrics, making it difficult to make informed decisions and identify areas for improvement.
- Poor customer satisfaction: The organization is experiencing low customer satisfaction due to delays, errors, and lack of communication.

### 4. Proposed Solution • Technologies Used:

Implement Odoo ERP system.

- **System Architecture:**

Odoo's system architecture is based on a modular design, allowing for flexibility and scalability.

- Odoo Community and Enterprise Editions.
- Odoo server.
- Modules ( Inventory, CRM, Sales )
- Reports and dashboards.

### 5. Resources Needed • Hardware/Software:

Hardware:

- Servers: One or more to host the Odoo application, database, and other components.
- Storage: Sufficient storage space to store the ERP data, which can be a significant amount depending on the volume of transactions and data generated.
- Network infrastructure: A reliable network infrastructure to connect users to the ERP system.
- Client devices: Computers, laptops, or mobile devices for users to access the ERP system.

Software:

- Odoo ERP system: the core software for the ERP implementation.
- Operating system: A suitable operating system for the servers.

Network Requirements:

- Bandwidth: Sufficient bandwidth to support the number of users accessing the ERP system.
- Security: Robust security measures to protect the ERP system and data from unauthorized access.

### 6. Approval

- **Instructor/Advisor:** Elwy Rady
- **Signature:**