

## Graduation Project Proposal Form

### 1. Project Information

- **Project Title:** Implementing the Odoo System in an Agricultural Company.
- **Course/Track:** Odoo Application Consultant
- **Team Members:**
  1. Hassan Mohamed Abdelbadea
  2. Hossam Mohamed Abdrabo
  3. Mahmoud Ibrahim Mohamed Eldeeb
  4. Mahmoud abdo elmorse
  5. Romany Mofed Hanna
  6. Eman mostafa Mohamed

### 2. Project Overview

- **Objective:**

This project aims to implement an ERP system for the company using Odoo. It will streamline tasks like production, inventory, and sales in one unified platform. With Odoo's modules, including Sales, Inventory, Purchase, and Accounting, the company can efficiently organize and track all operations. This will help save time, reduce costs, and enhance decision-making.

- **Scope of Work:**

Purchasing module- Inventory module –Sales module –Manufacturing module – Accounting module – CRM module.

- **Expected Outcomes:**

By implementing an integrated Odoo system that brings together all company departments, we can streamline operations and make everything work more smoothly. This not only saves time and effort but also helps protect the company's valuable resources. The system allows each department to have the right level of access based on their specific responsibilities, ensuring everything stays secure and organized. Additionally, it provides management with detailed reports that make decision-making easier, offering clear insights to guide strategic choices and drive the company forward.

### 3. Problem Statement

In an agricultural field, managing crops, equipment, and resources can be challenging with scattered data, manual processes, and paper-based work, which often leads to errors and increased costs. Odoo ERP streamlines everything by centralizing information, automating tasks, and improving inventory tracking. It reduces the risk of errors, cuts down on paper usage, and helps control costs. The system provides accurate reports,

ensures data security, and supports smooth scaling, enabling the company to make better decisions and optimize operations.

#### 4. Proposed Solution

- **Technologies Used:** Odoo v 18

- **System Architecture:**

The system works by collecting and storing data in a central database, which is then used across different modules to generate reports and support decision-making. To make sure the project meets both business and technical needs, we rely on two key documents: the BRD (Business Requirements Document) and the SRS (Software Requirements Specification). The BRD helps define the business goals, while the SRS outlines the technical details needed to build the system, ensuring everything works together efficiently.

#### 5. Resources Needed

- **Hardware/Software:**  
Odoo version 18 (the paid version)

#### 6. Approval

- **Instructor/Advisor:**

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- **Signature:**

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