Graduation Project Proposal Form

1. Project Information

- **Project Title:** Odoo ERP Implementation for Retail Management.

- **Course/Track:** Odoo Application Consultant - Next Academy.

- **Team Members:**

  1- Alhassan Ali Abdelhamid Agamy
  2- Youssef Ayman Ahmed Ali
  3- Omar Ibrahim Mohammed Qotb
  4- Ahmed Mahmoud Mohammed Hidaya
  5- Khaled Abdel Aziz Mohammed
  6- Mohammed Al Shafei Youssef

2. Project Overview

- **Objective:** Implement and configure Odoo ERP system for "Raneen" Co., a leading retail company in Egypt, focusing on the core modules (Sales, Purchases, Inventory, and Accounting).

- **Scope of Work:** The project involves the full configuration and workflow setup for the selected modules. The team will manage data migration, user training, and testing to ensure a smooth go-live experience.

- **Expected Outcomes:** A fully functional Odoo ERP system tailored to Raneen's specific business needs, including streamlined sales processes, efficient inventory management, automated purchasing workflows, and accurate financial reporting.

3. Problem Statement

Raneen's current ERP system lacks integration across its sales, purchasing, inventory, and accounting functions, leading to inefficiencies and data discrepancies. The project aims to address these challenges by implementing a unified Odoo ERP system that enhances operational efficiency and data accuracy.

4. Proposed Solution

- **Technologies Used:** Odoo ERP (v17), PostgreSQL for database management, and Python for any customizations.

- **System Architecture:** The solution will be built on Odoo's modular architecture, with each module (Sales, POS, Purchases, Inventory, Accounting, HR) configured and integrated to provide a seamless workflow across Raneen's operations.

5. Resources Needed

- **Hardware/Software:**
  - Internet & Computers.
  - Server for Odoo installation (cloud or on-premises).
  - Access to existing data for migration purposes.