

Graduation Project Proposal Form

1. Project Information

- **Project Title:** Purchasing System for a Hyper Market
- **Course/Track:** Digital Supply Chain Management, Oracle SCM
- **Team Members:**
 1. Ehab Mahmoud Sobh Refaey
 2. Sameh Mohamed Salah Eldin
 3. Abdelhamid Emad Abdelhamid
 4. Mohamed Hassan Abdelmaqsod Elmalky
 5. Mahmoud Ahmed Rayan Ibrahim

2. Project Overview

- **Objective:**

To develop an efficient purchasing system for a hypermarket that utilizes digital supply chain management practices and Oracle SCM tools to optimize supplier relationships, reduce procurement costs, and enhance inventory management.
- **Scope of Work:**

Design a digital purchasing framework using Oracle SCM tools, Define critical metrics for supplier evaluation and purchasing performance, Create a detailed plan for implementing the new purchasing system, Outline necessary training programs for procurement staff, Conduct pilot tests to ensure the new system meets operational needs, Validate the new purchasing processes for efficiency and accuracy.
- **Expected Outcomes:**
 - Streamlined purchasing processes leading to faster order cycles.
 - Improved supplier relationship management and negotiation outcomes.
 - Reduction in procurement costs through better supplier selection and pricing strategies.
 - Enhanced visibility into purchasing data for informed decision-making.
 - Increased accuracy in inventory levels through better alignment with purchasing activities.

3. Problem Statement

Hypermarkets often struggle with inefficient purchasing systems that lead to high procurement costs, poor supplier relationships, and difficulties in maintaining optimal inventory levels. These challenges can result from fragmented processes, lack of real-time data, and inadequate supplier performance tracking. This project aims to address these issues by implementing a digital purchasing system.

4. Proposed Solution

- **Technologies Used:**

Oracle ERP System
- **System Architecture:**

Inventory Module

5. Resources Needed

- **Hardware/Software:**

A PC or a Laptop and Oracle VMware or a Server access to Oracle

6. Approval

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