

## Graduation Project Proposal Form

### 1. Project Information

- **Project Title:** Oracle Supply Chain Implementation for Manufacturing Company
- **Course/Track:** Oracle Supply chain Management
- **Team Members:**
  1. Ahmed Mohamed Ahmed Khedr
  2. Ahmed Zaki Abdelrahman
  3. Abdelrahman Mohamed Saad Abdelazim Elshorbagy
  4. Mai Mohamed Taher Kamal
  5. Asmaa Mohamed Sobhy
  6. Amal Fawzy Abdelhafez

### 2. Project Overview

- **Objective:** To implement Oracle Supply Chain Management (SCM) to streamline the company's supply chain operations, improve efficiency, enhance visibility, and ensure better decision-making. The project aims to optimize workflows across Purchasing, inventory, and Sales.
  - **Scope of Work:**
    - Analyze current supply chain workflows and data systems.
    - Configure Oracle SCM modules (e.g., Purchasing, Inventory Management, and Sales).
    - Configure Oracle SCM modules and replace existing third-party platforms.
    - Train staff for smooth adoption, system utilization and decreasing support time in go live phase.
    - Provide support and enhancements.
  - **Expected Outcomes:**
    - fully integrated system and our scope is the oracle SCM modules .
- Advantages:**
- Reduced operational inefficiencies and costs.
- Enhanced inventory accuracy and forecasting.
  - Faster order processing and improved customer satisfaction.
  - Better collaboration with suppliers and partners.

**Benefits:**

Business continuity  
Business sustainability

### 3. Problem Statement

The company currently faces challenges with supply chain inefficiencies due to fragmented systems, lack of real-time visibility, and manual processes. These issues result in inventory inaccuracies, delayed order fulfillment, and increased operational costs, limiting overall competitiveness in the market.

#### 4. Proposed Solution

- **Technologies Used:**
  - **Oracle SCM EBS:** Modules including Purchasing, Inventory, and Order Management.
  - **Integration Tools:** oracle interfaces, and API's.
  - **Reporting:** XML reports.
- **System Architecture:**
  - **Frontend:** User-friendly dashboards and reporting tools for operational staff.
  - **Backend:** Oracle SCM integrated with existing ERP, CRM, and legacy systems.
  - **Middleware:** Oracle Integration to handle data migration and real-time updates.

#### 5. Resources Needed

- **Hardware/Software:**
  - **Hardware:** Cloud-based infrastructure, reducing the need for on-premises hardware.
  - **Software:**
    - Oracle SCM (licensed modules and users as per the scope).
    - Oracle Reporting tools.

#### 6. Approval

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