

**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:** ……………………………………………………………………………………………………………..