

## Graduation Project Proposal Form

### 1. Project Information:

- **Project Title:** Implementation of Oracle EBS R12 for **ALPHA Company**.
- **Course/Track:** Digital Supply Chain Management.
- **Team Members:**
  1. Ahmed Mohamed Rashed AbdEllatief
  2. Doaa Medhat Fathy Abdelatty
  3. Elbasiouny Shipl Elbasiouny Mohamed
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  6. Mahmoud Shalaby Elsayed Elrefaey
  7. Yousra Awad Abd El Aziz

### 2. Project Overview:

- **Objective:** The implementation of Oracle SCM to transform supply chain operations for **ALPHA Company**. The solution will provide real-time monitoring of business operations, automated control and validation processes, and advanced reporting capabilities for data-driven decision-making.
- **Scope of Work:**
  1. **Module configuration:** configure each module setup.
  2. **Implementation:** create and implement suitable processes.
  3. **Testing:** test the processes throughout the simulation and monitor results.
  4. **Technical documentation:** prepare a detailed technical documentation of the project.

- **Expected Outcomes:**

Fully configured supply chain modules.

**Benefits:**

1. **Facilitates sustainable business:** Ensures that the supply chain operates in a way that minimizes waste, and optimizes resource use.

2. **Efficient operation.**

- **Efficient purchasing processes:** Automates supplier interactions to save time and reduce errors in procurement.
- **Integrated inventory tracking system:** Provides real-time visibility into stock levels, locations, and movements, ensuring that critical items are always available when needed.
- **Efficient order management:** Enhances customer satisfaction by providing accurate order tracking and timely deliveries.

- **Benefits of digitalization to the company:**



Enhanced security.



Automating manual processes



Better data insights



Resource management



Using data and analytics to drive decisions



Centralized item code or identifier



Enhanced Collaboration across departments



Single version of the facts



Master data source

### 3. Problem Statement:

**ALPHA Company** for Cosmetics Trading faces challenges in managing its supply chain processes, including delays in order processing, errors in inventory tracking, and inefficiencies in purchasing workflows. These issues result in higher operational costs and reduced customer satisfaction.

As a result, Oracle EBS was implemented to resolve these problems

CHALLENGE	DESCRIPTION	RESULT	SOLUTION
<b>Lack of Integration</b>	Different departments use separate systems, causing data silos.	Miscommunication & inefficient operations.	Centralized system for real-time data sharing.
<b>Inefficient Inventory Management</b>	Overstocking, stockouts, & manual tracking errors.	Increased costs & delayed order fulfillment.	Automated stock monitoring and real-time tracking.
<b>Poor Procurement Process</b>	Manual purchase orders, slow approvals, and supplier issues.	Delays in procurement and high costs.	Automated procure-to pay (P2P) workflow.
<b>Security &amp; Data Risks</b>	Disconnected systems increase risk of unauthorized access.	Data loss, tampering and breaches.	Role-based access control & centralized data security.

#### 4. Proposed Solution:

##### Oracle SCM applications to be implemented



###### System Administration

Ensures security by configuring & managing user access & permissions.



###### Inventory

Ensures real-time stock visibility & optimizes inventory operations.



###### Purchasing

Simplifies & automates purchasing processes enhancing purchasing control & tracking.

#### 5. Resources Needed:

- Oracle EBS R12.
- Presentation tools (i.e. Microsoft PowerPoint).
- Documentation tools (i.e. Microsoft Word).

#### 5. Approval:

- Instructor/Advisor:
- Signature: