# 1. Project Information

- **Project Title:**

  Oracle EBS R12 Implementation for Inventory Management in T3 Company

- **Course/Track:**

  Oracle E-business Suite R12 Supply Chain Management

- **Team Members:**

| Team Leader | Sobhey Saied Farhan | | |
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| **Team Member 1** | Rehab Abuelabbass Abd-Elkader | *Team Member 4* | Salwa Ahmed Mohamed |
| **Team Member 2** | Aml Mohammed Dweeny | *Team Member 5* | Peter Atef Rotby |
| **Team Member 3** | Sabreen Hassan Zaky | *Team Member 6* | Nourhan Mohamed |

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# 2. Project Overview

**Client Background:**

T3 Company is a leading B2B distributor in Egypt, specializing in bulk procurement of PCs, laptops, and accessories for corporate clients, resellers, and retailers. With strategic partnerships with HP and Dell, T3 prioritizes authentic products, competitive pricing, and reliable supply chain solutions.

**Objectives:**

1. **Automate Inventory Processes:** Replace error-prone spreadsheets with Oracle EBS workflows.
2. **Centralize Real-Time Visibility:** Integrate data from the Main Warehouse (MW), Staging Area (SA), Receiving Area (RA), and Mobile Vehicles (MV1-3).
3. **Enhance Accuracy & Cost Control:** Mitigate stockouts, overstocking, and storage expenses.

**Scope of Work:**

- **In-Scope:**
    - Oracle EBS R12 Inventory Module deployment.
    - Integration with MW, SA, RA, and Mobile Vehicles.
    - Staff training and change management.
- **Out-of-Scope:**
    - Purchasing, procurement, order management, and fulfillment.

**Expected Outcomes:**

- Real-time inventory tracking across all storage/distribution channels.
- Reduced manual errors and improved demand planning.
- Streamlined item retrieval via locator control.

## 3. Problem Statement

T3 Company faces operational inefficiencies due to:

- **Manual Tracking:** Spreadsheet reliance causing data inaccuracies.
- **Fragmented Visibility:** Stockouts, overstocking, and delayed reporting.
- **Inefficient Layout:** Slow order fulfillment from poor locator systems.
- **Inadequate Audits:** Irregular counts leading to financial misstatements.

## 4. Proposed Solution

**Technological Approach:**

- **Oracle EBS R12 Inventory Module:** Centralizes real-time data and automates workflows.
- **ERP Integration Middleware:** API-driven connectivity with existing systems.

## 5. Resources Needed

- **Hardware:** Servers for Oracle EBS deployment.
- **Software:** Oracle EBS R12 licenses, ERP middleware, reporting tools.

## 6. Approval

- **Instructor/Advisor:** Eng. Ahmed Bakar
- **Signature:** [ ...............................................]