

Graduation Project Proposal Form

1. Project Information

- Project Title: "Optimizing Financial Management Processes in Oracle EBS for Future Steel Industries (Industrial Sector)"
- Course/Track: Accounting Specialist - Oracle EBS
- Team Members:
 - Adham Sanad El Desouki
 - Amr Mohamed Ahmed
 - Ahmed Yousry Hamed
 - Ibrahim Mohamed Ibrahim
 - Mohammed Abdelnaby Mohammed
 - Omar Ramadan Ali

2. Project Overview

- Objective:

To design an integrated financial management framework leveraging Oracle EBS modules, with a primary focus on the General Ledger (GL) module, complemented by other financial modules, aimed at enhancing financial accuracy, operational efficiency, and decision-making capabilities for industrial enterprises, specifically within the steel manufacturing sector.

- Scope of Work:
 - Model and simulate critical financial operations utilizing Oracle EBS, with a special emphasis on the General Ledger (GL) module while ensuring a comprehensive approach that integrates seamlessly with related systems.
 - Establish methodologies for presenting financial insights and performance metrics, designed to align with the operational intricacies of industrial organizations.
 - Implement workflow automation to improve accuracy and fluidity in the GL module and related financial systems, ensuring confidentiality of the underlying mechanisms.
 - Highlight actionable intelligence to empower strategic decision-making processes for steel industry stakeholders.
- Expected Outcomes:
 - Deployment of a comprehensive and automated financial cycle that ensures enhanced performance of the GL module while maintaining integration across all critical financial processes.
 - Improved understanding of Oracle EBS's full potential in streamlining financial workflows across different facets of industrial operations.

- Development of a dynamic financial analysis framework adaptable to various real-world scenarios in the industrial sector.

3. Problem Statement

Industrial enterprises, particularly in the steel manufacturing domain, frequently encounter operational inefficiencies and reporting inaccuracies due to disjointed financial processes and inadequate system integration. There is a pressing need for a unified solution that streamlines and automates workflows, with a specific focus on the General Ledger module, enabling deeper insights into organizational performance.

4. Proposed Solution

- Technologies Used:

Oracle EBS R12 (core financial modules, with a specialization in GL)
Advanced data tools for seamless extraction and integration

- System Architecture:
- Oracle EBS will serve as the backbone of financial operations, with the General Ledger (GL) module as the central component ensuring robust and interconnected functionalities across various modules.
- Customized workflows and configurations will be implemented to ensure effortless execution of financial processes in the GL module while maintaining coherence across systems.
- Mechanisms will be developed to enrich reporting capabilities, offering comprehensive insights tailored to the requirements of steel manufacturing entities.

5. Resources Needed

- Hardware/Software:
- Oracle EBS R12 instance (training or demo environment).
- High-performance database server (e.g., Oracle Database or equivalent).
- Workstations equipped with Oracle EBS access capabilities.

6. Approval

Instructor/Advisor:

Signature: