- **Project Name: Shipping Management System**
- **Course Name: Database Development with PL/SQL (INSY 8311)**
- **ID: 24211**
- **Mutembe Linda Cynthia**
- **Lecturer: Eric Maniraguha**
- **Date: March 21, 2025**

Introduction

The proposed system will be implemented across logistics companies, e-commerce businesses, and warehouse management operations to streamline shipping processes and address existing inefficiencies. By integrating real-time tracking, automated data processing, and optimized route management, the system aims to enhance operational efficiency, minimize shipment delays, and reduce manual errors. Additionally, it will support seamless coordination between logistics teams, warehouse staff, and customers, ensuring a more transparent and reliable shipping experience.

Main Objectives

The Shipping Management System aims to:
- Automate shipment tracking to minimize manual errors and reduce inefficiencies.
- Enhance accuracy in order management and delivery scheduling.
- Strengthen data security by implementing role-based access control.
- Provide real-time tracking updates to improve customer satisfaction and operational transparency.
-

Target Users

- Logistics Managers: Oversee shipments and optimize delivery routes
- Warehouse Staff: Manage order processing and shipment dispatch.
- Delivery Personnel: Update shipment statuses in real-time to ensure accurate tracking.
- Customers: Track orders and receive timely delivery notifications.