



Functional Requirements Document
(Guide S50 Version 1.0)
for
TRUCKING LOGISTICS MANAGEMENT SYSTEM
Version 1

Prepared for
CSIT 327 – INFORMATION MANAGEMENT 2

Submitted to
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The **Trucking Logistics Management System** is a user-friendly platform that streamlines the tracking and management of deliveries.

1. Booking Management System — must create and manage bookings.
 - a. Booking Creation form with customer and delivery details
 - b. Real-time Status Updates (Incomplete/Complete)
2. Delivery Tracking System — must track individual containers within a booking.
 - a. Real-time status update functionality for each container.
 - b. Notifications for status changes (e.g., when a container is delivered)
 - c. ***Historical tracking of container movements (optional feature)*
3. Customer Management System — must be a basic logbook or contact management feature.
 - a. Customer registration form
 - b. Search and filter customers
 - c. View customer history and transactions
4. Delivery Summary Documentation — must be a detailed system that creates a summary of key details for each booking or delivery.
 - a. Detailed delivery summary output
 - b. Optional summary output for bookings and specific deliveries.
5. User-friendly User Interface
 - a. Must have an easy navigation between modules
 - b. Should have a responsive design for mobile and desktop use
6. User Roles and Permissions Management — must define and manage different levels of access for users.
 - a. Should have a role-based access control setup
 - b. Must secure access to sensitive data and system functionalities