# Freight Management System

## Project Overview

This project involves developing a text-based software system for managing a train-based freight system. The project is focused on the setup and initial operations.

## Features and Requirements

### 1. Menu System

Main Menu:  
 - A - Freight Operations  
 - B - Train Operations  
 - Z - Exit Program  
  
Submenu A - Freight Operations:  
 1 – Add Customer  
 2 – Display Customers  
 3 – Create Shipping Requests  
 4 – Display All Shipping Requests  
 5 – Process Freight  
 6 – Display Train Manifest  
 9 – Return to Main Menu  
  
Submenu B - Train Operations:  
 - 1 - Train Operations (Not operational in this phase)  
 - 9 - Return to Main Menu

### 2. Customer System

Implement a system to add and display customer information.  
Support up to 10 customers.  
Attributes: Customer Code, Customer Name.

### 3. Shipping Request System

Create and manage shipping requests.  
Attributes:  
 - Shipping ID (Format: AAA-BBBB-CD)  
 - Customer Code (AAA)  
 - Invoice Number (BBBB)  
 - Source Station (C)  
 - Destination Station (D)  
Support up to 9 freight items per shipping request.

### 4. Freight Management

Process and manage freight items.  
Load freight onto a boxcar (B01) at Station 1.  
Display train manifest before and after loading.

### 5. Test Data and Validation

Test data and output should match the examples provided in the project documentation.