# Bill of Lading Management System (BOLMS) Documentation

## Overview

The Bill of Lading Management System (BOLMS) is a web-based application designed to streamline the creation, management, and printing of Bills of Lading (B/L) for sea and air shipments. It also includes a user management module to handle access control and system administration.

## Key Features

1. Sea B/L Management: Add, edit, delete, clone, show, and print Sea Bills of Lading.

2. Air B/L Management: Add, edit, delete, clone, show, and print Air Bills of Lading.

3. User Management: Add, edit, and delete user accounts.

## Modules

### 1. Sea B/L Management

This module is responsible for managing Bills of Lading for sea shipments.

Functionalities:

* - Add Sea B/L: Input the shipment details including shipper, consignee, vessel name, cargo description, and other relevant fields.
* - Edit Sea B/L: Update existing Sea B/L information.
* - Delete Sea B/L: Permanently remove a Sea B/L record.
* - Clone Sea B/L: Duplicate an existing Sea B/L for similar shipments.
* - Show Sea B/L: Display the details of a specific Sea B/L in a user-friendly format.
* - Print Sea B/L: Generate a printable version of the Sea B/L.

### 2. Air B/L Management

This module focuses on managing Bills of Lading for air shipments.

Functionalities:

* - Add Air B/L: Input the shipment details including shipper, consignee, airline, cargo description, and other relevant fields.
* - Edit Air B/L: Update existing Air B/L information.
* - Delete Air B/L: Permanently remove an Air B/L record.
* - Clone Air B/L: Duplicate an existing Air B/L for similar shipments.
* - Show Air B/L: Display the details of a specific Air B/L in a user-friendly format.
* - Print Air B/L: Generate a printable version of the Air B/L.

### 3. User Management

This module handles user administration and access control.

Functionalities:

* - Add User: Create new user accounts with roles and permissions.
* - Edit User: Modify existing user details and update roles or permissions.
* - Delete User: Remove user accounts from the system.

## System Requirements

### Client-Side:

- Browser Support: Chrome, Firefox, Edge, Safari.

- Minimum Screen Resolution: 1024x768.

### Server-Side:

- Programming Language: PHP 8

- Database: MySQL 5.7 or later

- Web Server: Apache 2.4 or Nginx

- Operating System: Linux-based server

## API Endpoints

Example:

* - POST /sea-bls: Add a new Sea B/L.