**ABSTRACT**

**TOPIC:”Cargo Transportation System”**

The Cargo Transportation System is aimed to activities that include sending a cargo till the recipient receives it.The cargo Transportation System enables transfer of cargo between two companies.The system make use of transport mechanisms like ships,Trucks &Containers.In the existing system doesnot allows the users to track the progress of transfer and route of Transfer.

In the proposed system the Tracking and know the progress of cargo movements are more easy.The cargo Transporation System users are;

1)System Managers

2)Company Manager

3)warehouse manager

4)Agent

5)Driver

6)Shippingincharge

7)insurance Manager

System Manager:

* He/she is responsible for the overall control and manipulation of system.

Company Manager:

* He/she is responsible for Registering and maintaining the details of the company.
* Cargo Registration
* Booking Warehouse
* Determine the category of Transportation
* Makes payments.

Warehouse Manager:

* He/she is responsible for adding and removing warehouse.
* Adding & Removing Racks.
* Check rack status.
* View warehouse booking details
* Feedback
* View & manage insurance status.

Agent:

* Add Details.
* Update location.
* View company profile.
* View cargo registration details.
* Feedback.

Driver:

* Update Details

Shipincharge:

* UpdateDetails.

Insurance Manager:

* Add insurance policy.
* View claims & manage.

Functional Modules:

* Cargo Management
* Warehouse Management.
* Tracking
* Insurance Management
* Report Management

Cargo Management:

* Registering Cargo to send.
* Select transportation method
* Cancel Booking

Warehouse Management:

* Book Warehouse
* Know Availability of warehouse
* Cancel warehouse booking
* Add warehouse
* Remove warehouse

Tracking:

* Know the route.
* Know the progress.

Insurance Management:

* View bill and clear it.
* Issue discount
* Fix transportation charges.

Report Management:

* Deal with the report generation of the applications and its various activities such as

1. Cargo transport
2. Warehouse availability
3. Bills and finance report.