

## Title of the Project:

Customs Supervision System

## Introduction:

Customs regulates the flow of goods into and out of a country. Most importantly, the customs deals with the collection of duties levied on imported goods.

Due to the huge increase in population at present, it is hard to manage customs manually. Through Database management System we will create a system called Customs Supervision System that can reduce work pressure and fulfil all the needs of customs management. Customs Supervision allows you to standardize and automate import and export procedures with customs authorities. Our goal is to ensure a smooth import and export system. We want to accelerate the flow of work and keep pace with the changing world to make a modern world.

## Aim of the project:

- Modernizing customs operations and helping to improve revenue collection.
- Improving security by streamlining procedures of cargo control, transit of goods and clearance of goods.
- We can view databases from across the world.
- We can easily find how many countries imported and exported in a year
- Can easily find out what products are in the warehouse.
- Changing the pattern of conventional problematic consumer demand.
- Changing the conventional problematic terms of trade.
- Changes in the pattern of conventional problematic production.
- Promoting sustainable development by cutting down on the use of paper, through the use of electronic transactions and documents

- Facilitating trade efficiency and competitiveness by substantially reducing transaction time and costs.
- Helping fight corruption by enhancing the transparency of transactions.

## Background:

### Problem Define:

- Production section of the maximum company is doing the work manually.
- All the works are carried out in pen and paper.
- Sometimes administrator can not get proper information about the product.
- Buyers can not place the order easily.
- This system is not efficient and takes long time.

### Features :

- Login System
- Manage all Information efficiently.
- Record Employee and Customer Billing details.
- Add, Update & Delete all information easily.
- Advanced Search features.
- Manage Security

## Entities:

The main entities of Custos Supervision System are:

Importer(Importer ID, Company Name, Trade License, Phone Number, email, password)

Admin(Name, Email, Phone, Password)

Exporter(Exporter ID, Company Name, Trade License, Phone Number, email, password)

Imported Product(Importer ID, Product ID, Product Type, Import Country)

Exported Product(Exporter ID, Product ID, Product Type, Export Country)

Exported Country(Country, Product Type)

Imported Country(Country, Product Type)

Im\_Customs Clearance(Name of Vessel, Date of Arrival, Importer ID, Trade License, Product Type, Product ID, importer Country, Total tax Amount )

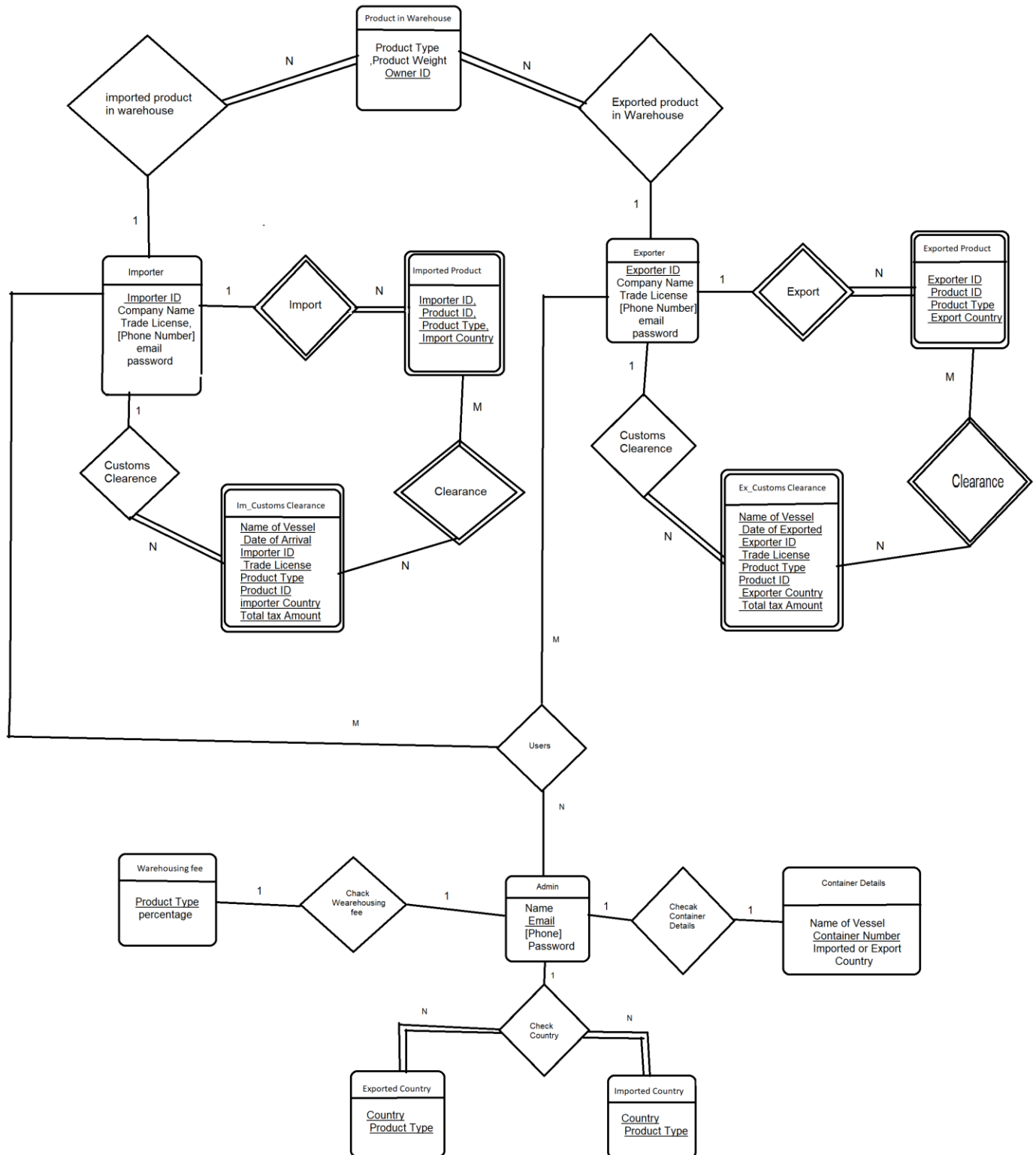
Ex\_Customs Clearance(Name of Vessel, Date of Exported, Exporter ID, Trade License, Product Type, Product ID, Exporter Country, Total tax Amount )

Warehousing fee(Product Type, percentage)

Product in Warehouse(Product Type, Product Weight, Owner ID)

Container Details(Name of Vessel, Container Number, Imported or Export ,Country)

# ER Diagram:



## Main Features:

### Admin:

- Insert [Importer, Exporter]
- Delete [Importer, Exporter]
- Check Warehousing Fee
- Approve Clemence
- Add Warehouse Product
- Check Container Details
- Check imported & exported Country's

### Importer:

- See All Imported Product
- Product in Warehouse
- Apply for Customs Clearance
- Warehouse Fee
- Total Paid Tax
- All Clemence
- My Account

### Exporter:

- See All Exported Product
- Product in Warehouse
- Apply for Customs Clearance
- Warehouse Fee
- Total Paid Tax
- All Clemence
- My Account

## Conclusion:

In the present situation where the population is growing fast, it has become very difficult to maintain our old systems. Due to which many of our needs are not being met and we are losing many opportunities.

The world is moving very fast with technology. If we do not pace with it, we will fall behind. This is a small effort from us to take part to keep pace with the advancing world of technology. Our project will make the import and export process easier. The quality and quantity of industrial production will increase. New chances will increase for the young generation through our project. With all these factors in mind, we have taken the initiative to implement this project to save our generation from mentioned difficulties.