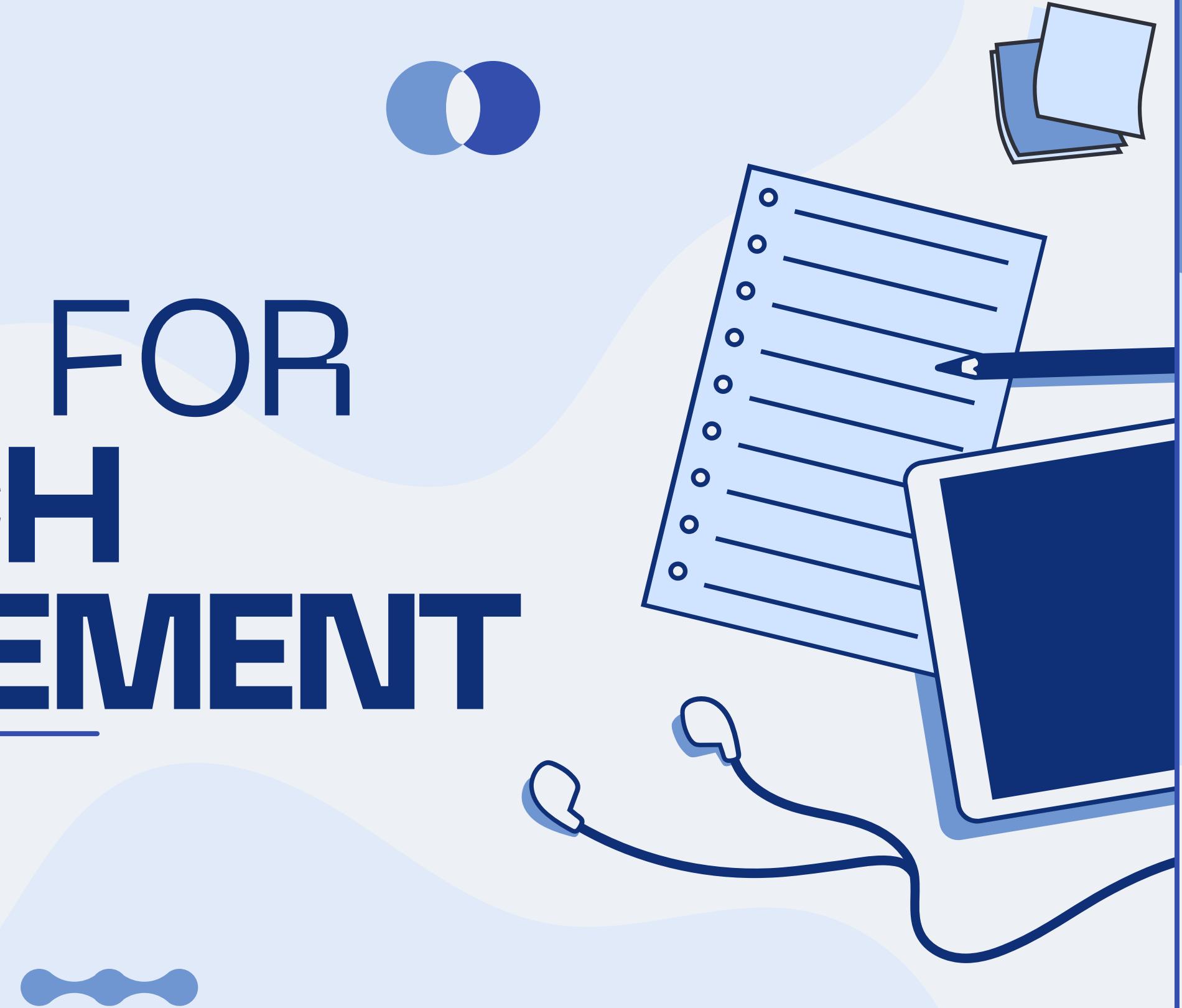


Team 06 Project

NEW APP FOR NEWTECH PROCUREMENT

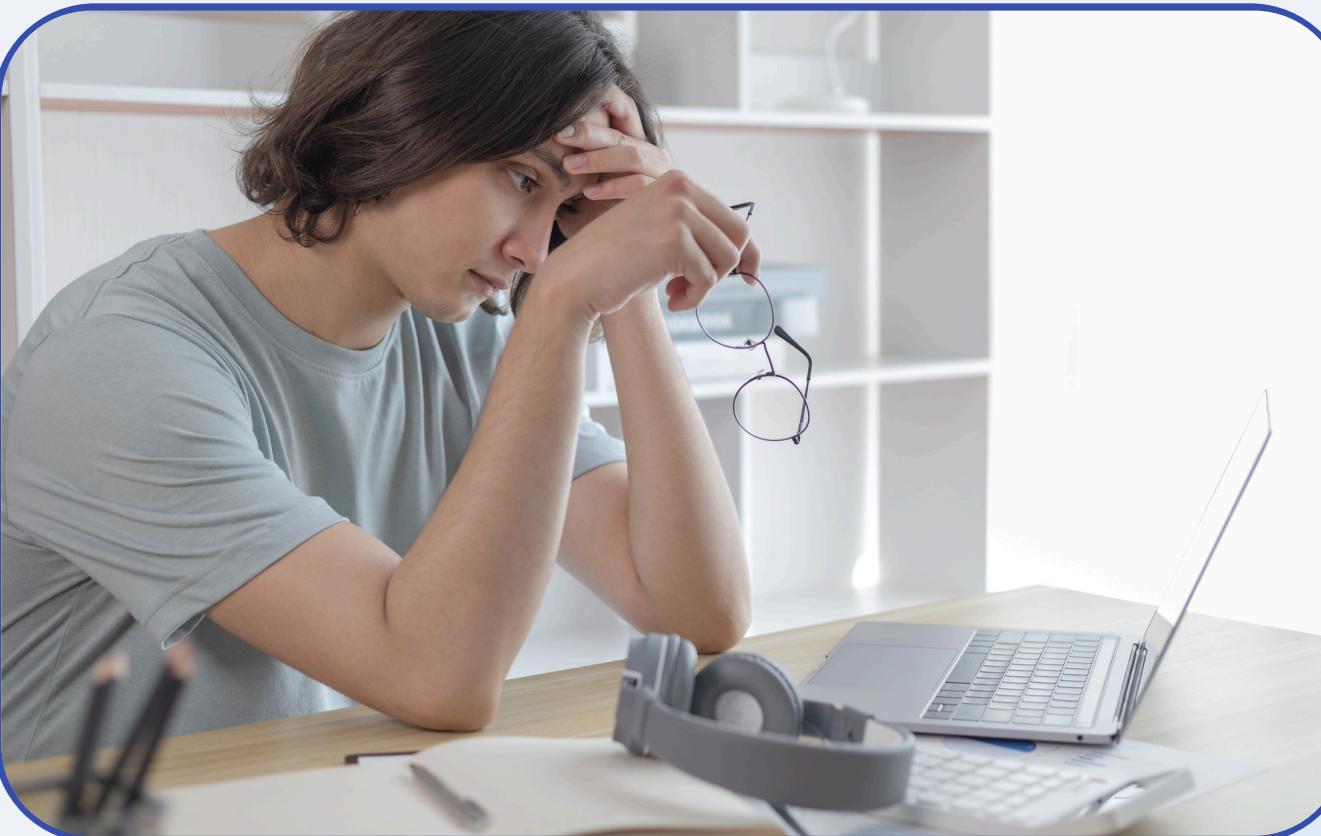
Team Member:

Chenyan Zhu 002316544
Siting Wang 002321929
Yusheng Shi 002068978



PROBLEM STATEMENT

NewTech is a leading electronics retailer focusing on computer hardware.



01

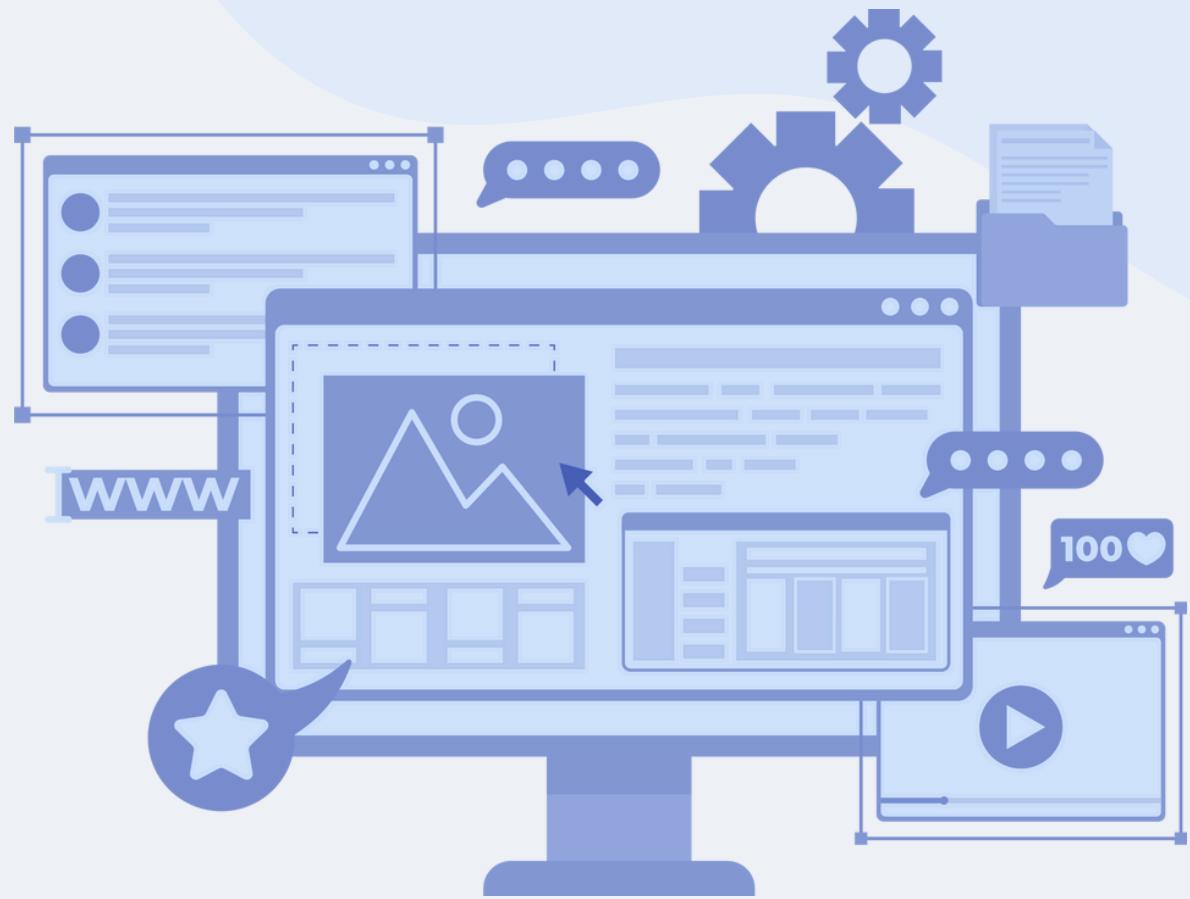
While the current Newegg app provides essential functionality, its **UI and backend model** are outdated.

02

Consequently, the user experience is lacking in quality as shoppers experience **slow loading times, inefficient product searches, and unresponsive stock updates.**

03

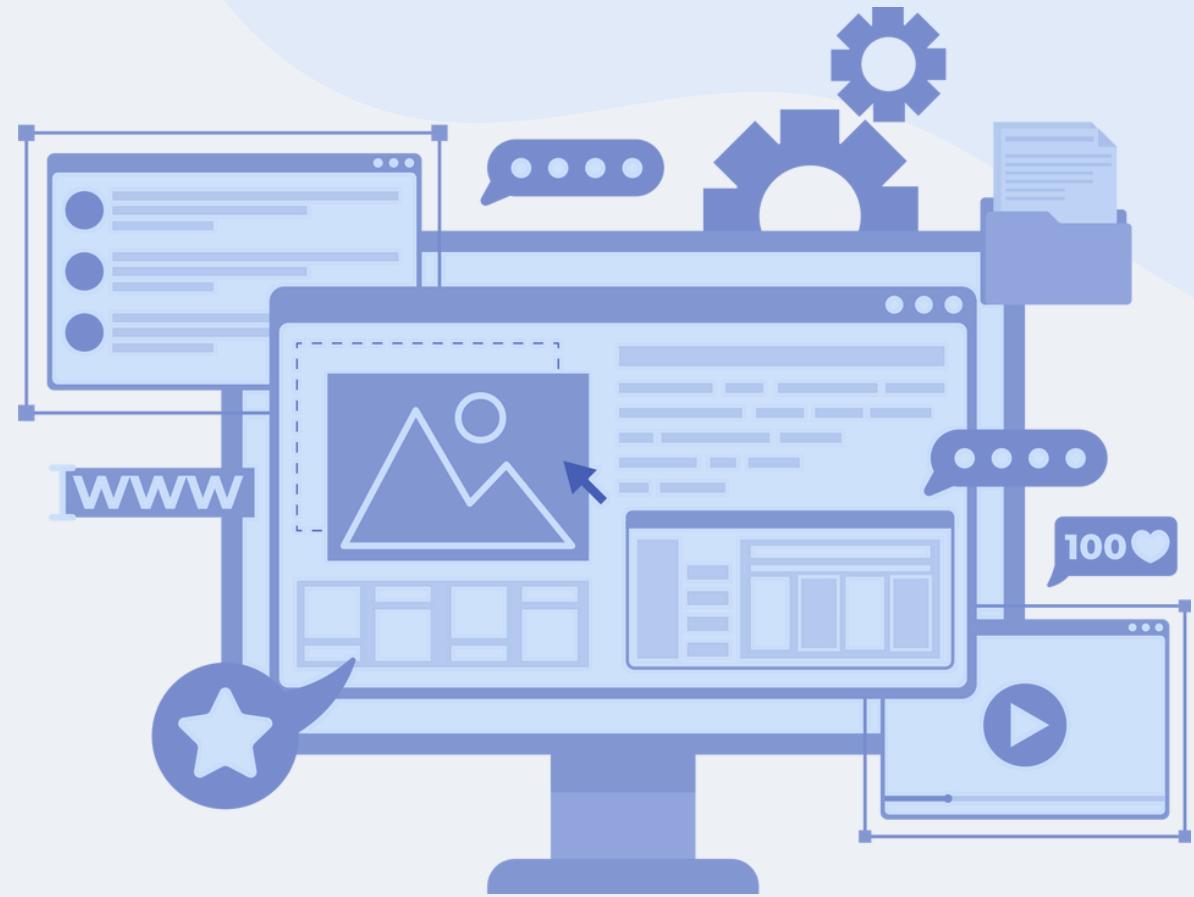
Eventually, shoppers **miss out on good deals as scalpers thrive to disrupt the market.** An update on Newegg procurement is very urgent.



SOLUTION

To address the challenges of NewTech's outdated UI and backend inefficiencies, we propose **a comprehensive update to its procurement system**, enhancing both the front-end user experience and the backend infrastructure.

New App for NewTech Procurement

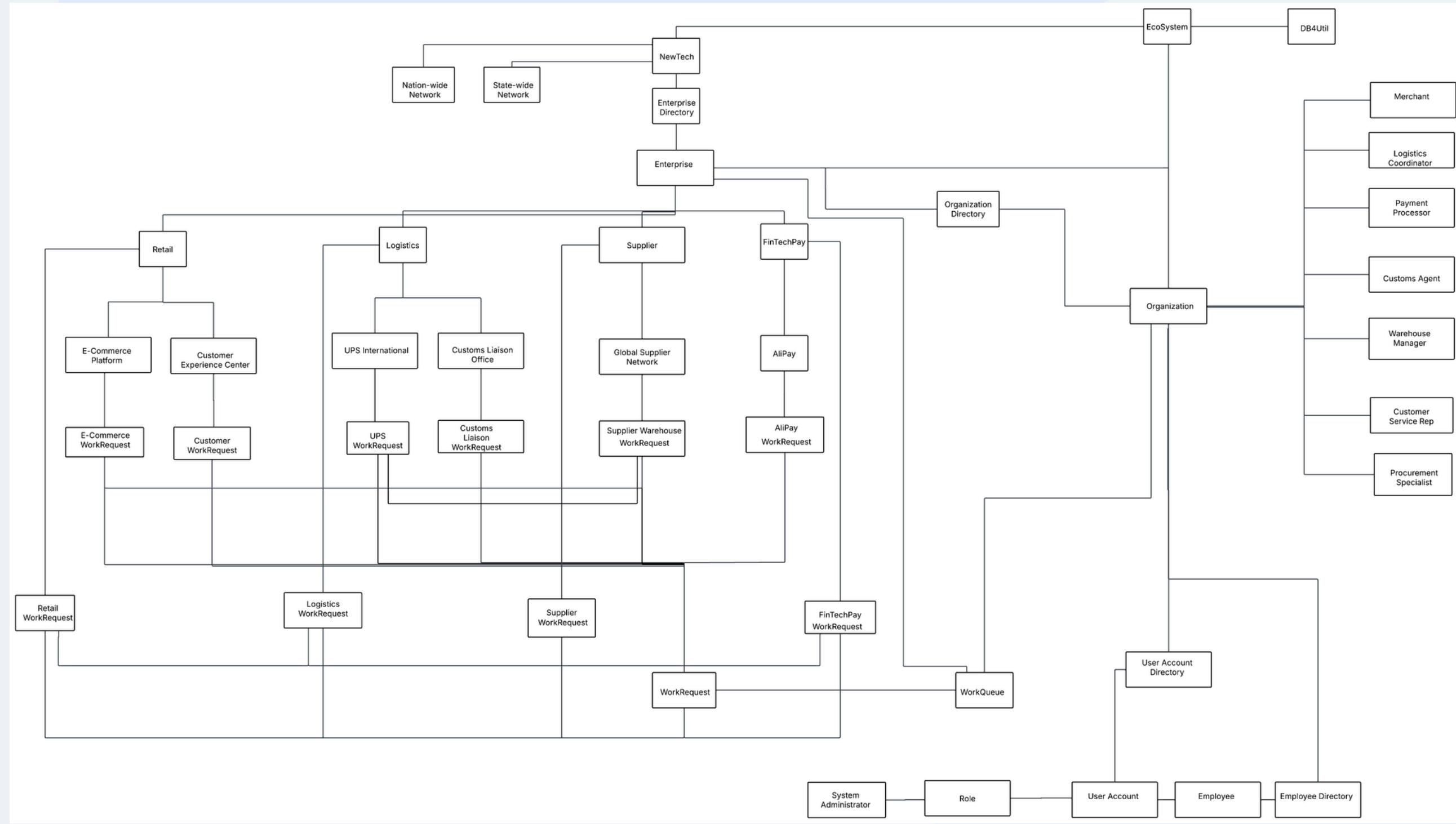


UML DIAGRAM

UML CLASS DIAGRAM

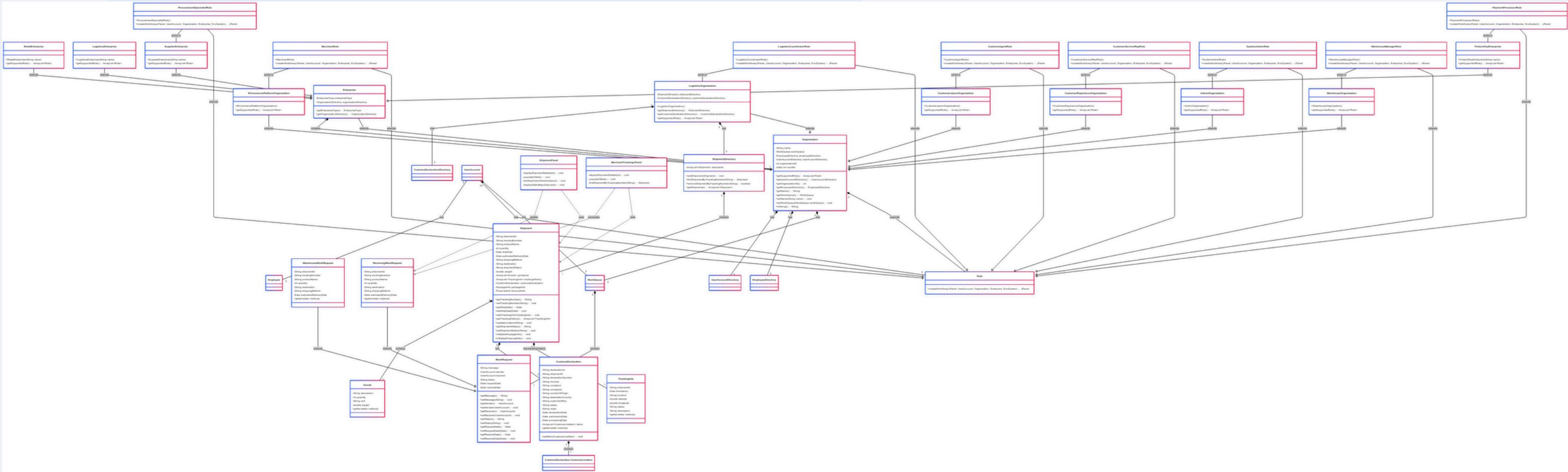
UML class diagram overview

New App for NewTech Procurement

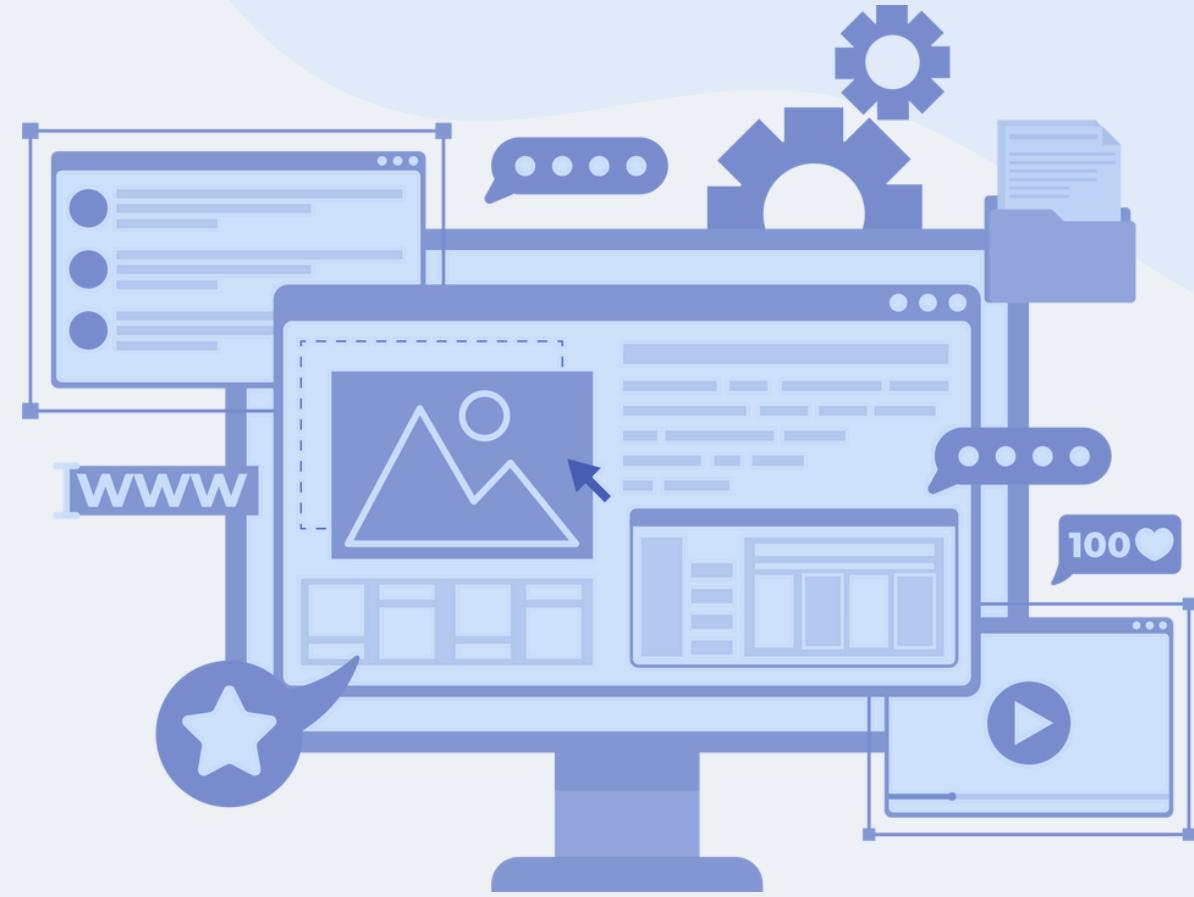


UML CLASS DIAGRAM

UML class diagram with attributes and methods



SYSTEM DESIGN



CROSS-BORDER E-COMMERCE SYSTEM DESIGN

4 Enterprises

Retail Enterprise, Logistics Enterprise, Supplier Enterprise, FintechPay Enterprise

6 Organizations

ECommercePlatformOrganization, CustomerExperienceOrganization, CustomsLiaison Organization, Logistics Organization, Warehouse Organization, Admin Organization

8 Roles

Merchant Role

Payment Processor Role

Customer Service Rep Role

Procurement Specialist Role

Logistics Coordinator Role

Customs Agent Role

System Admin Role

Warehouse Manager Role

CROSS-BORDER E-COMMERCE SYSTEM DESIGN

01 Supply Chain Management & Logistics Integration

- WMS integration with international logistics
- Multi-country inventory coordination & monitoring
- Cross-border delivery optimization
- Customs clearance & declaration automation
- Returns handling & reverse logistics solutions

02 Compliance & Risk Management

- Multi-country trade regulations & compliance handling
- Customs documentation & declaration management
- Tax calculation & payment automation
- Payment security & anti-fraud mechanisms
- Data privacy & cross-border data governance

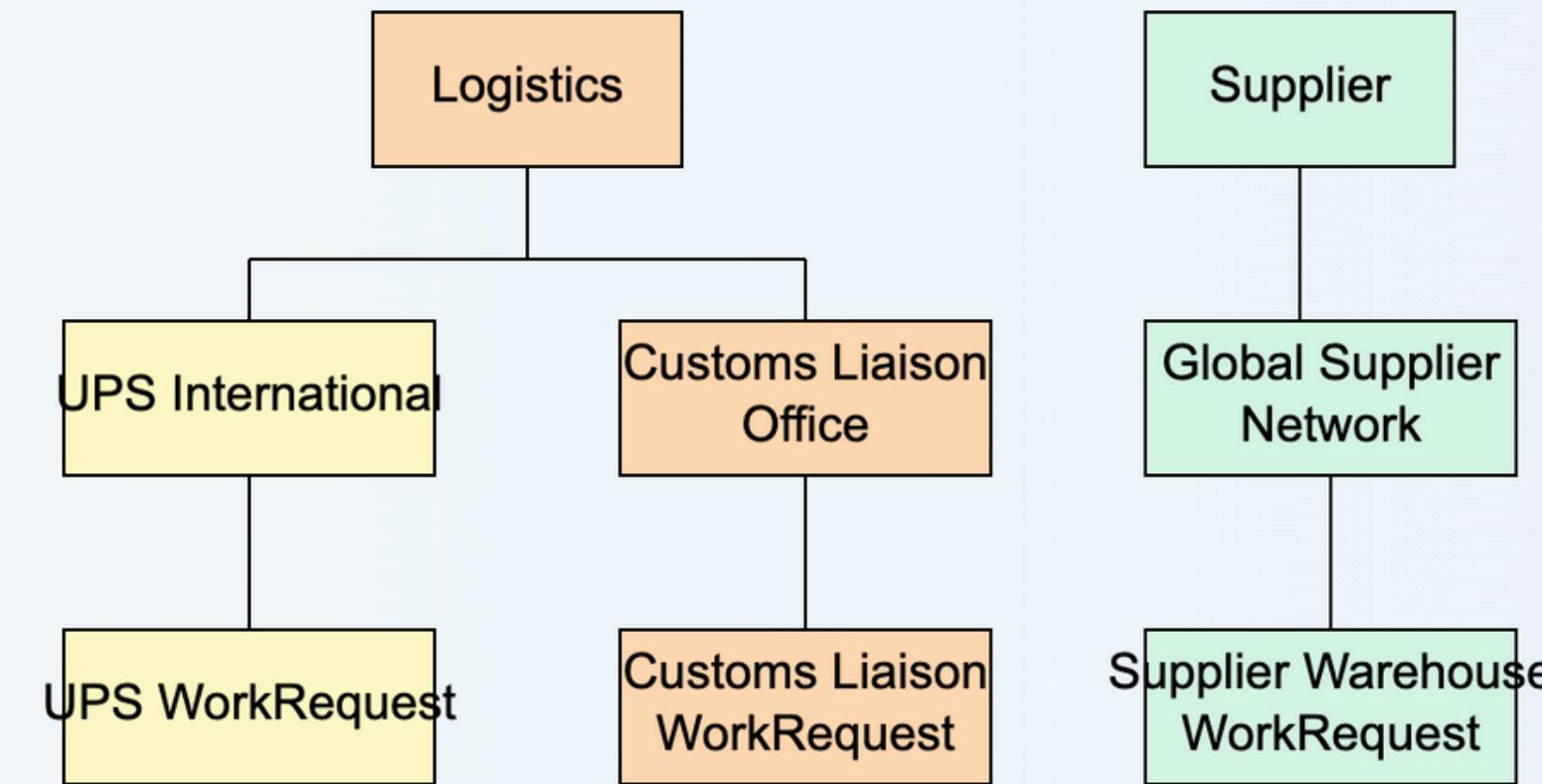
03 User Experience & Localization

- Multi-language, multi-currency & payment method support
- Localized market strategies & product presentation
- Cross-cultural customer service & support
- International order tracking across entire process
- Regional pricing & promotion management

CROSS-BORDER E-COMMERCE SYSTEM DESIGN

01 Supply Chain Management & Logistics Integration

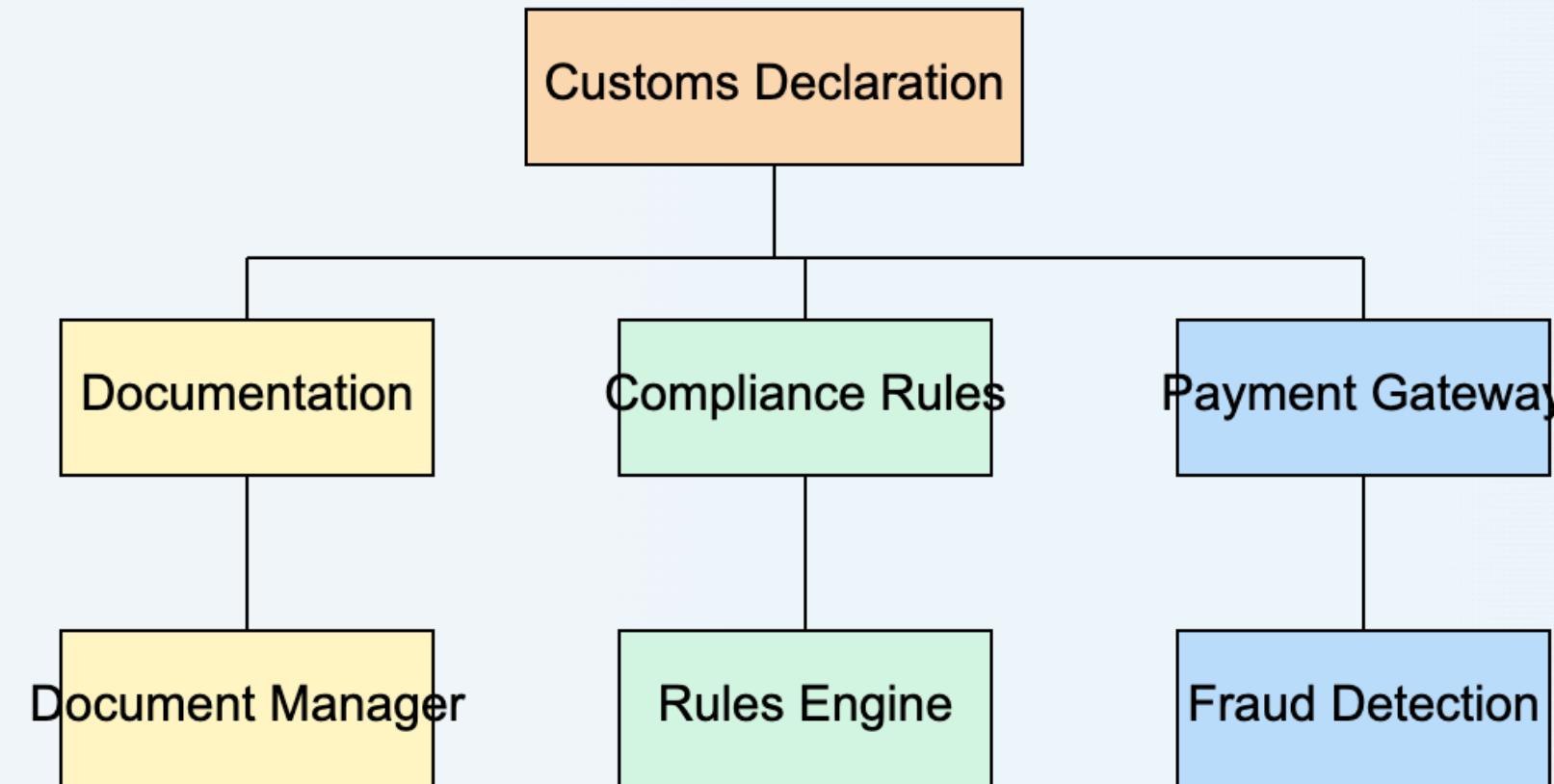
- WMS integration with international logistics
- Multi-country inventory coordination & monitoring
- Cross-border delivery optimization
- Customs clearance & declaration automation
- Returns handling & reverse logistics solutions



CROSS-BORDER E-COMMERCE SYSTEM DESIGN

02 Compliance & Risk Management

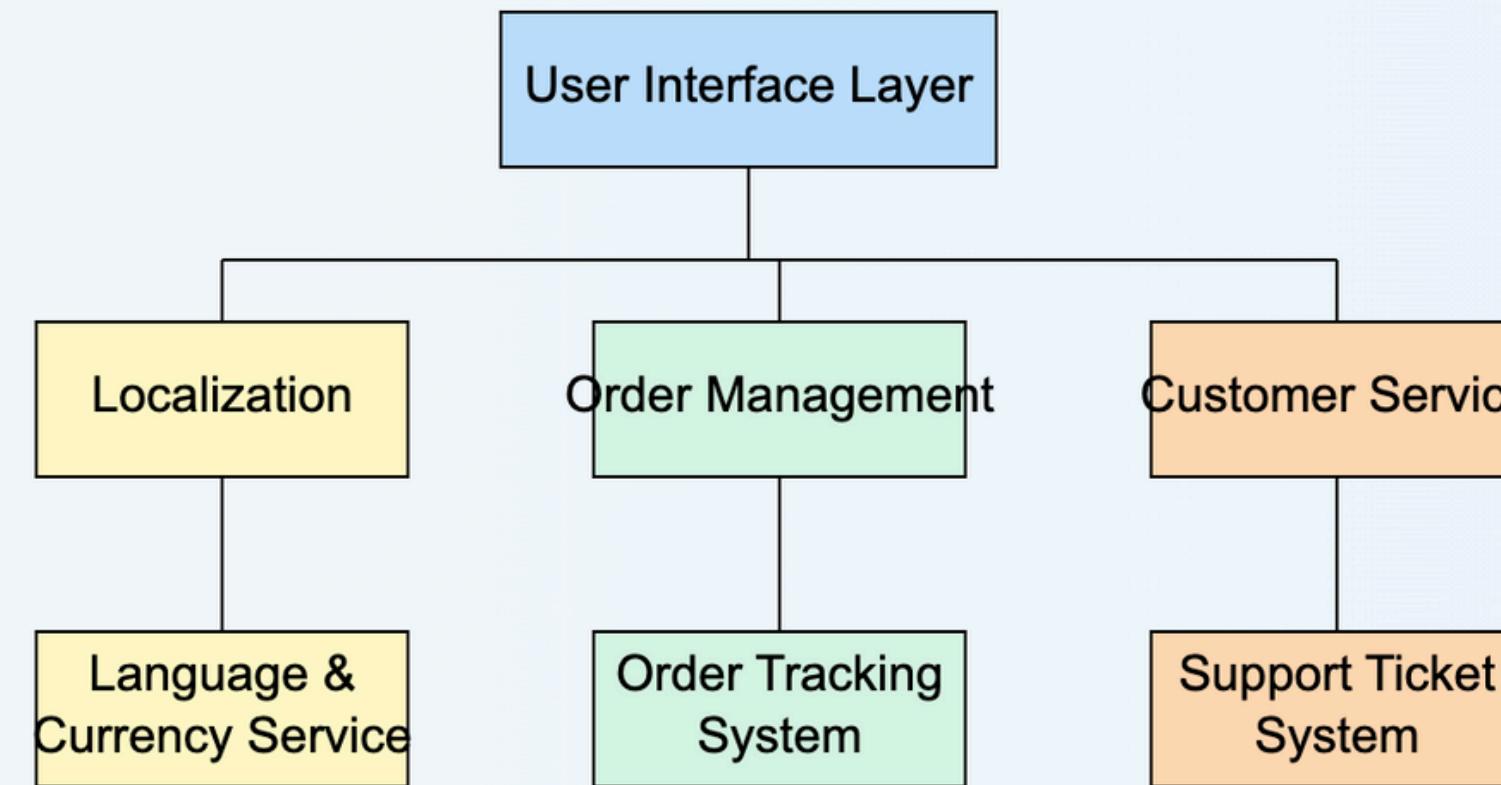
- Multi-country trade regulations & compliance handling
- Customs documentation & declaration management
- Tax calculation & payment automation
- Payment security & anti-fraud mechanisms
- Data privacy & cross-border data governance



CROSS-BORDER E-COMMERCE SYSTEM DESIGN

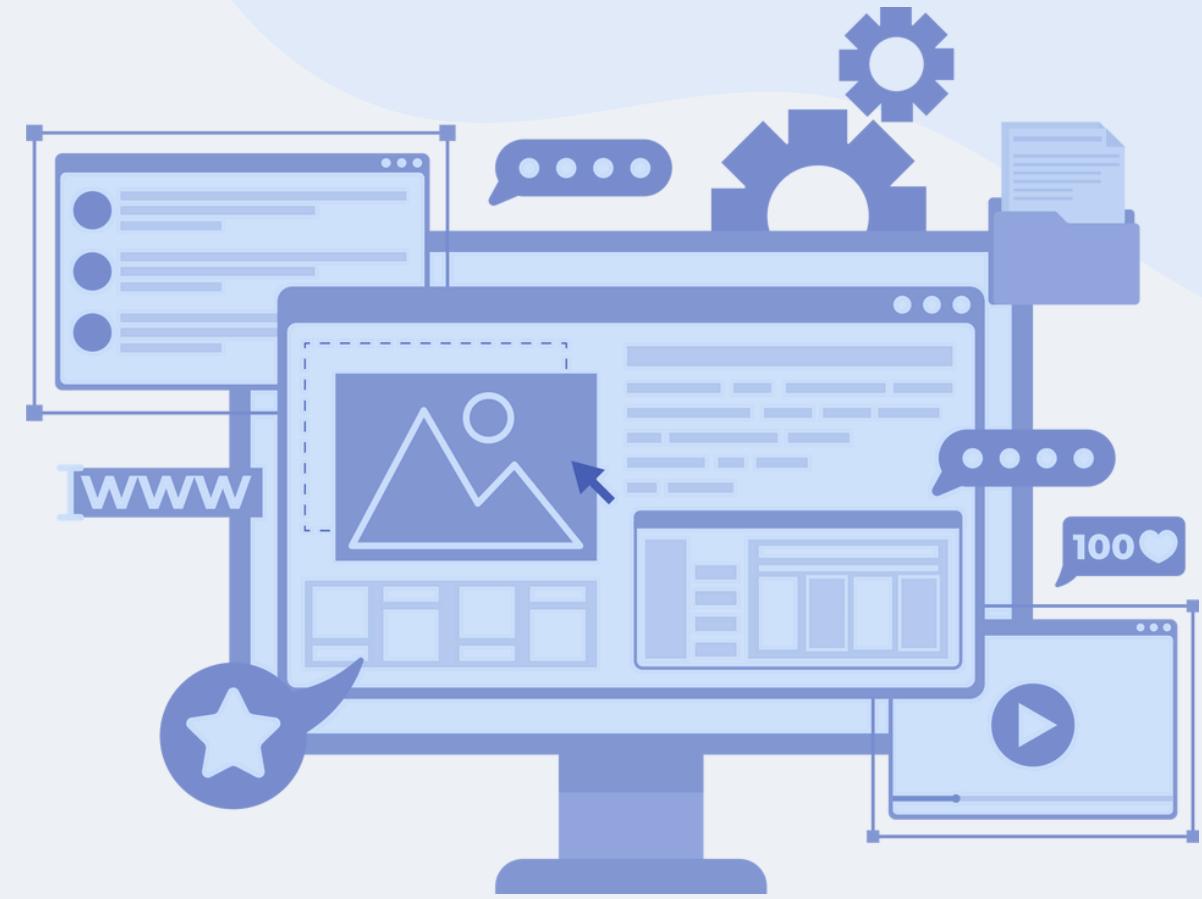
03 User Experience & Localization

- Multi-language, multi-currency & payment method support
- Localized market strategies & product presentation
- Cross-cultural customer service & support
- International order tracking across entire process
- Regional pricing & promotion management



New App for NewTech Procurement

REQUEST



CROSS-ENTERPRISE REQUEST FLOW

New App for NewTech Procurement

Global Trade
Network

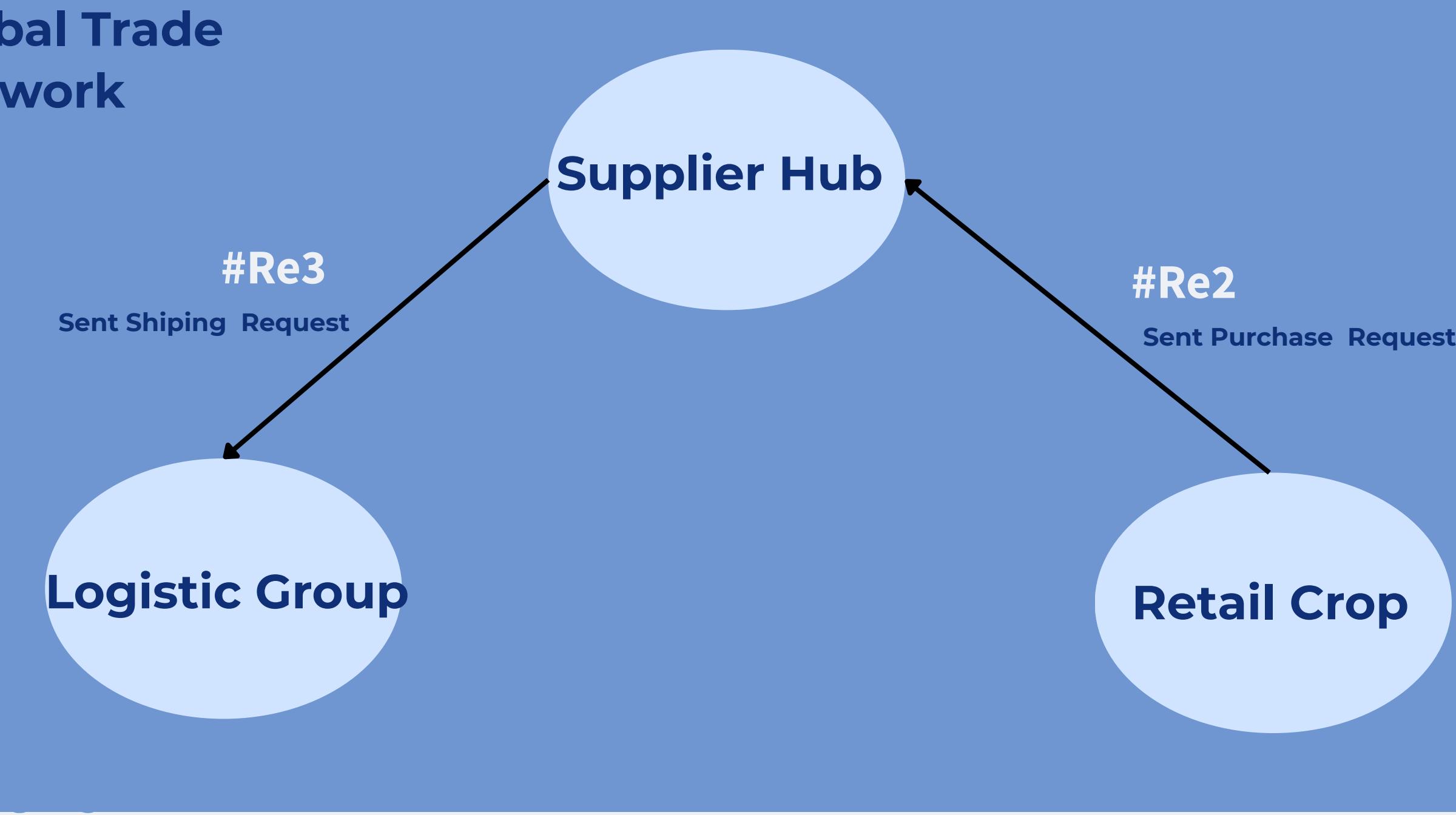
Logistic Group

Supplier Hub

Retail Crop

#Re3
Sent Shiping Request

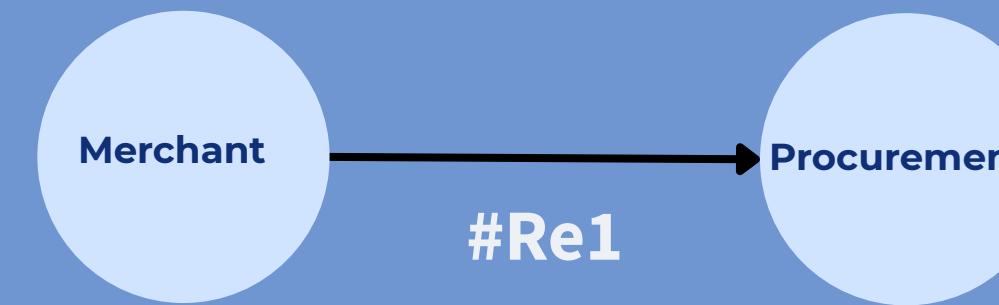
#Re2
Sent Purchase Request



CROSS-ORGANIZATION REQUEST FLOW

New App for NewTech Procurement

E-Commerce Platform :



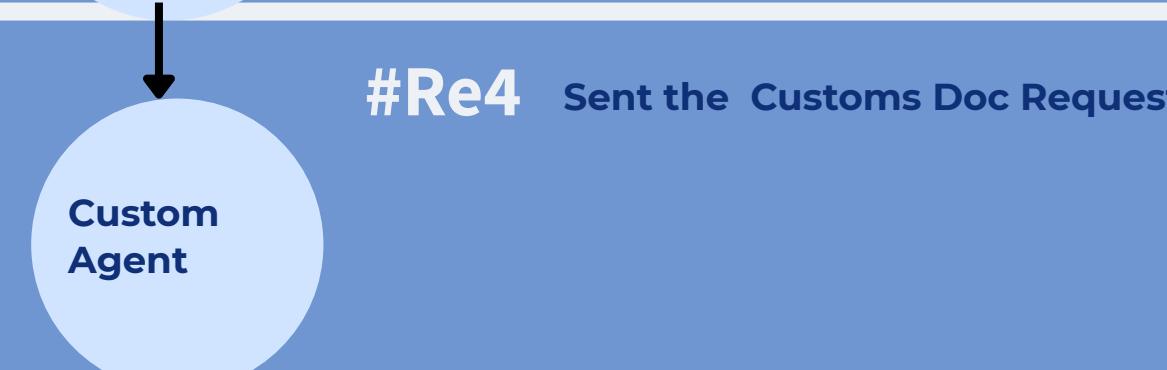
Global Warehouse Supplier:



UPS International:



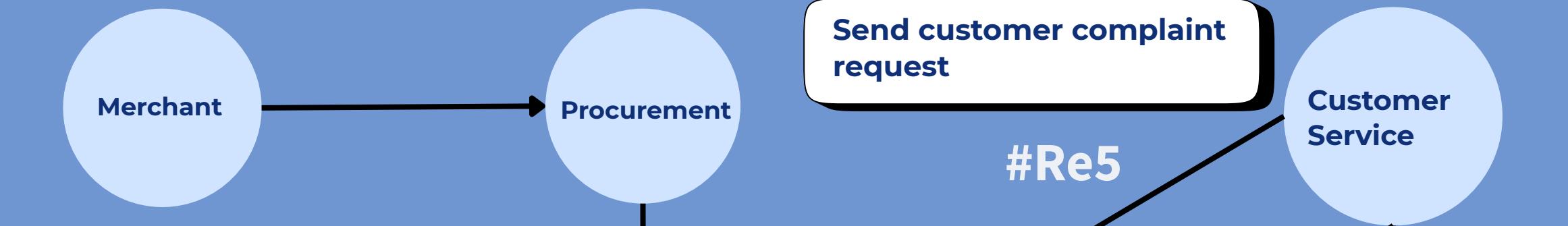
Customs Liaison Office:



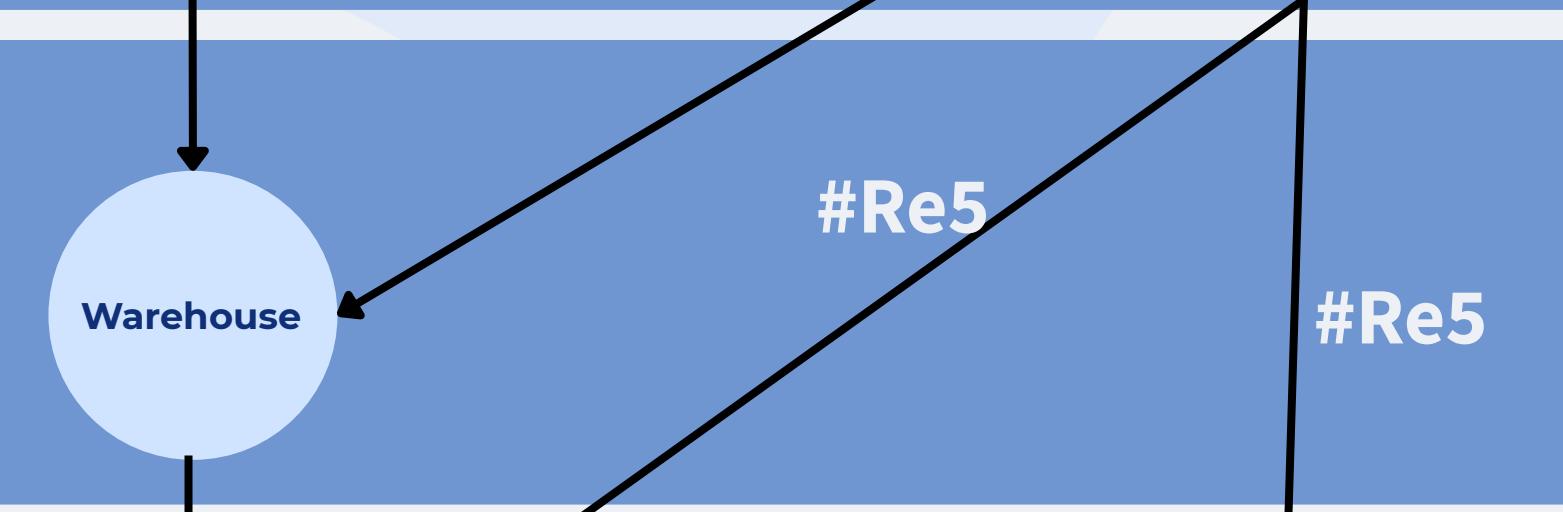
CROSS-ORGANIZATION REQUEST FLOW

New App for NewTech Procurement

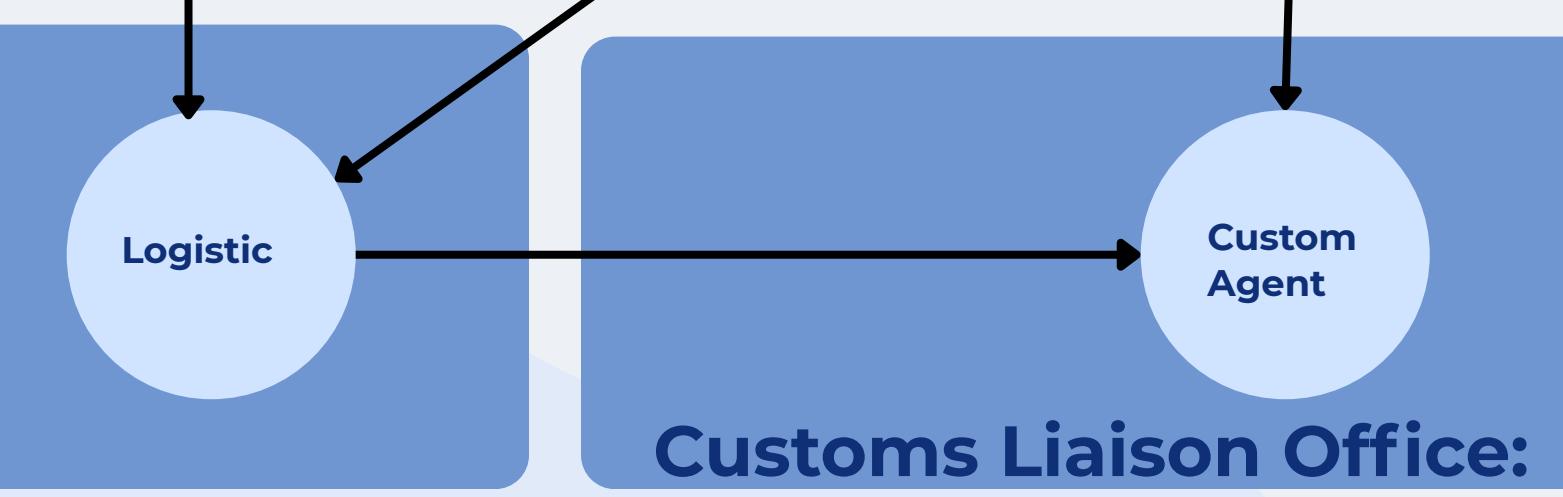
Retail Crop:



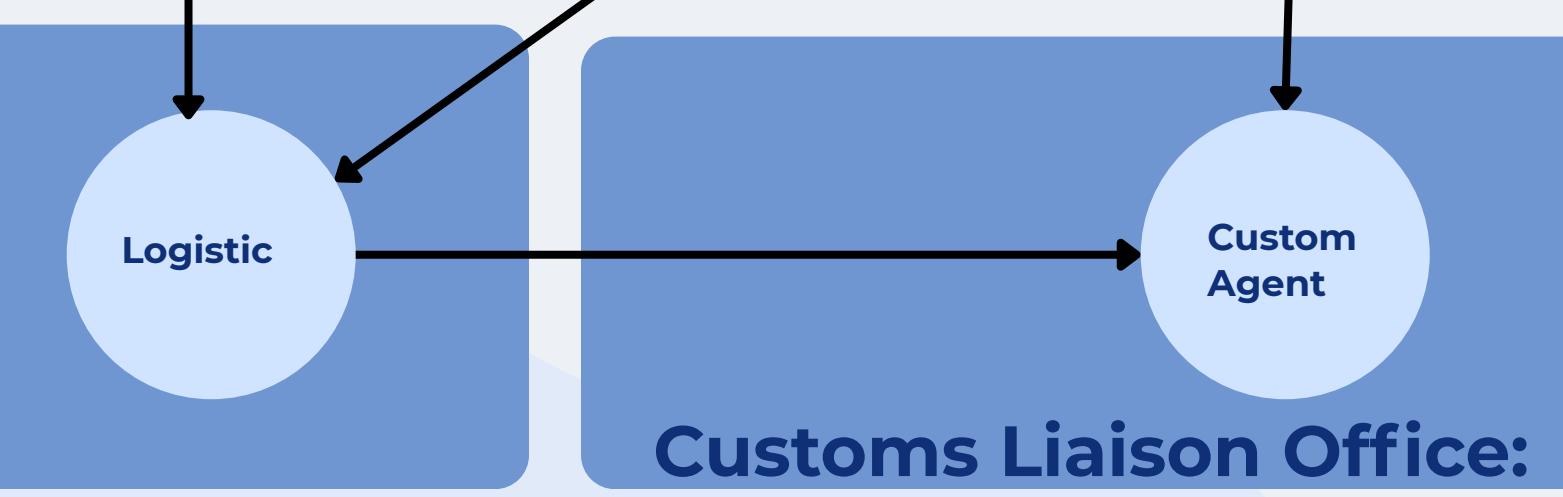
Supplier Hub:



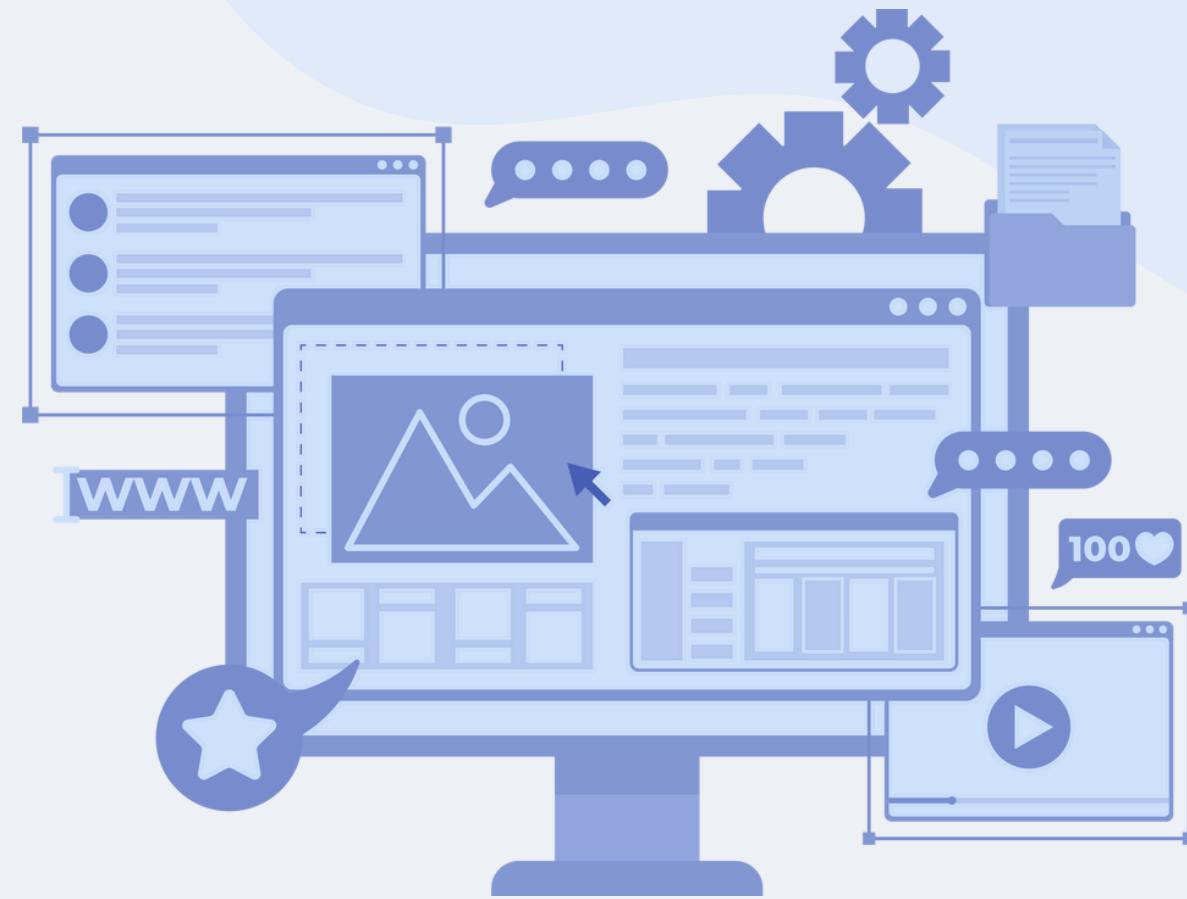
Logistic Group:



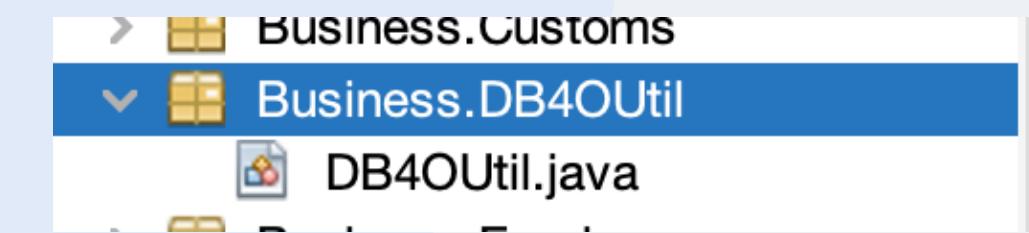
Customs Liaison Office:



ADVANCED FEATURES



DATABASE



Why It's DB4O

- DB4O (Database for Objects) is an object-oriented embedded database specifically designed for Java object persistence

Technical advantage

- **Directly store Java objects** : No ORM mapping is required, maintaining the integrity of the object model
- **Transparent Persistence** : Simplify development and focus on business logic rather than data access
- **Embedded Architecture** : No need for an independent database server, reducing deployment complexity
- **Cascading Update Mechanism** : Automatically maintain complex object relationship networks

Implementation effect

- **Development efficiency increased by 30% (no need to write SQL)**
- **Fast system response speed (direct object access)**
- **Strong data consistency (complete object persistence)**
- **Low maintenance cost (simplified data model)**

GOOGLE STATIC MAPS API FOR SHIPMENT TRACKING

Why It's Necessary

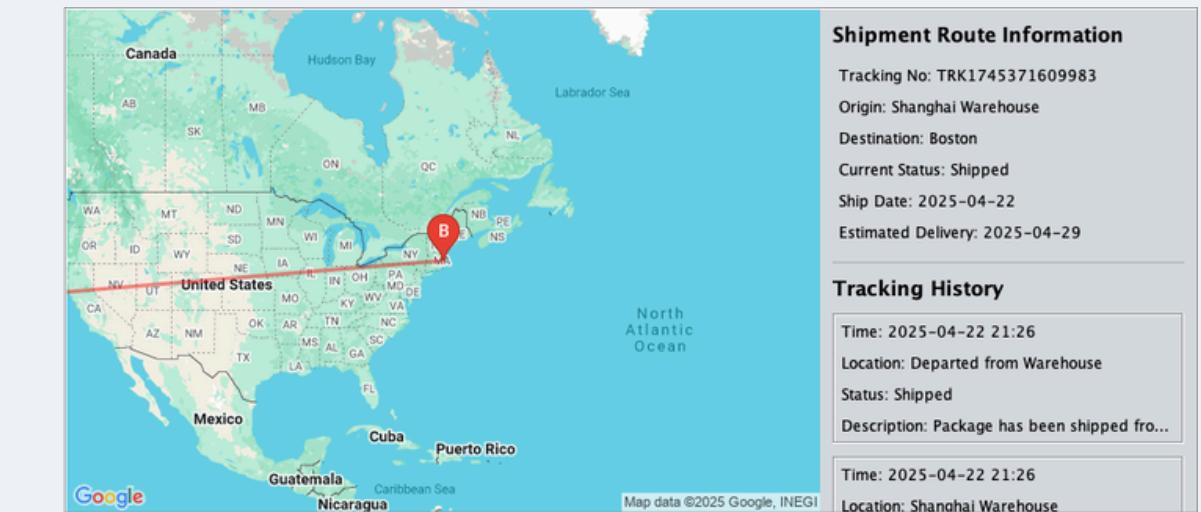
- Enhanced Visibility:** Provides merchants and logistics coordinators with visual tracking of shipments
- Geographic Context:** Transforms tracking data from abstract numbers into intuitive map-based representation
- Customer Confidence:** Shows origin and destination with clear route visualization

Technical Challenges

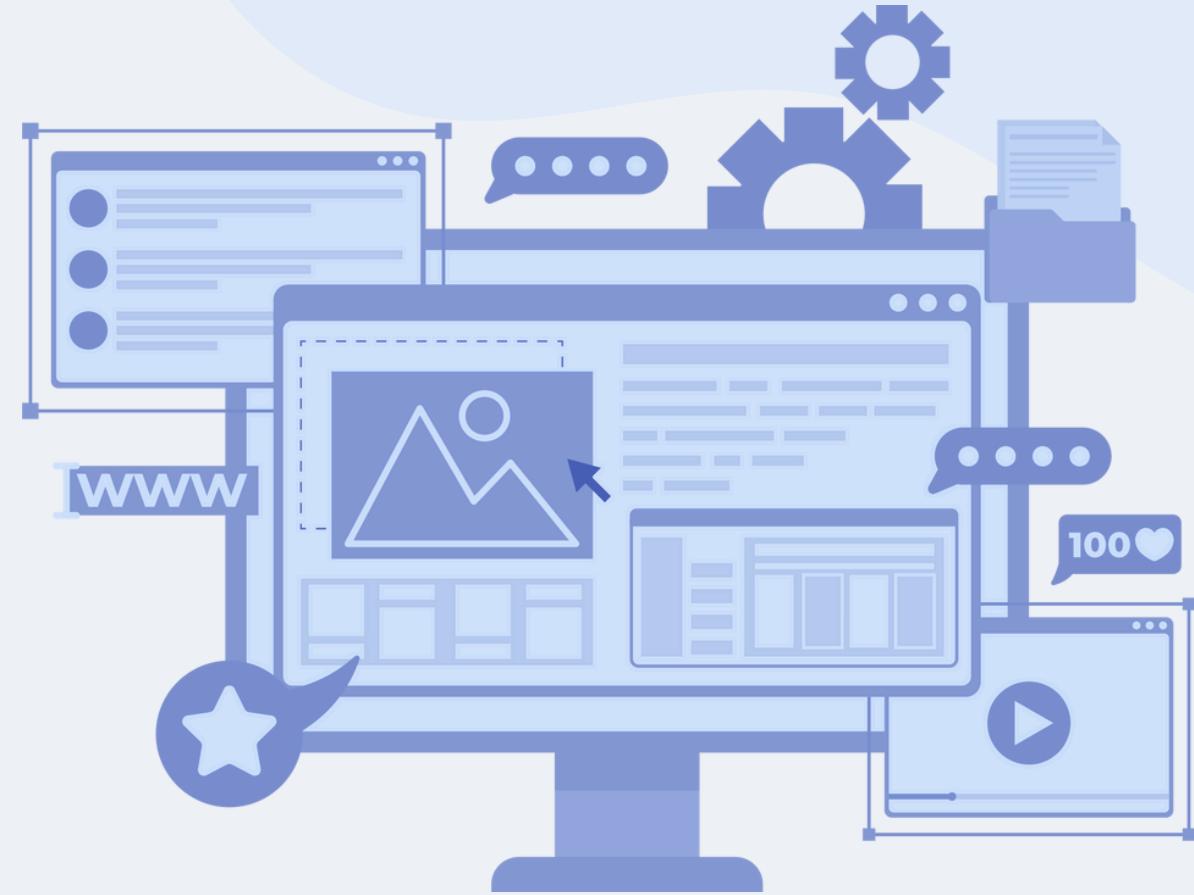
- Static Map URL Construction:** Building precise URL parameters for coordinates, markers, and routes
- Location Mapping:** Developed custom system to convert location names to map coordinates
- Integration with Java Swing:** Seamlessly embedding map images into the application's UI components

Implementation Effects & Significance

- Streamlined Implementation:** Lightweight solution that doesn't require browser components
- Reliable Performance:** Static maps work consistently across all platforms and environments
- Enhanced User Experience:** Merchants receive clear visual representation of shipment locations

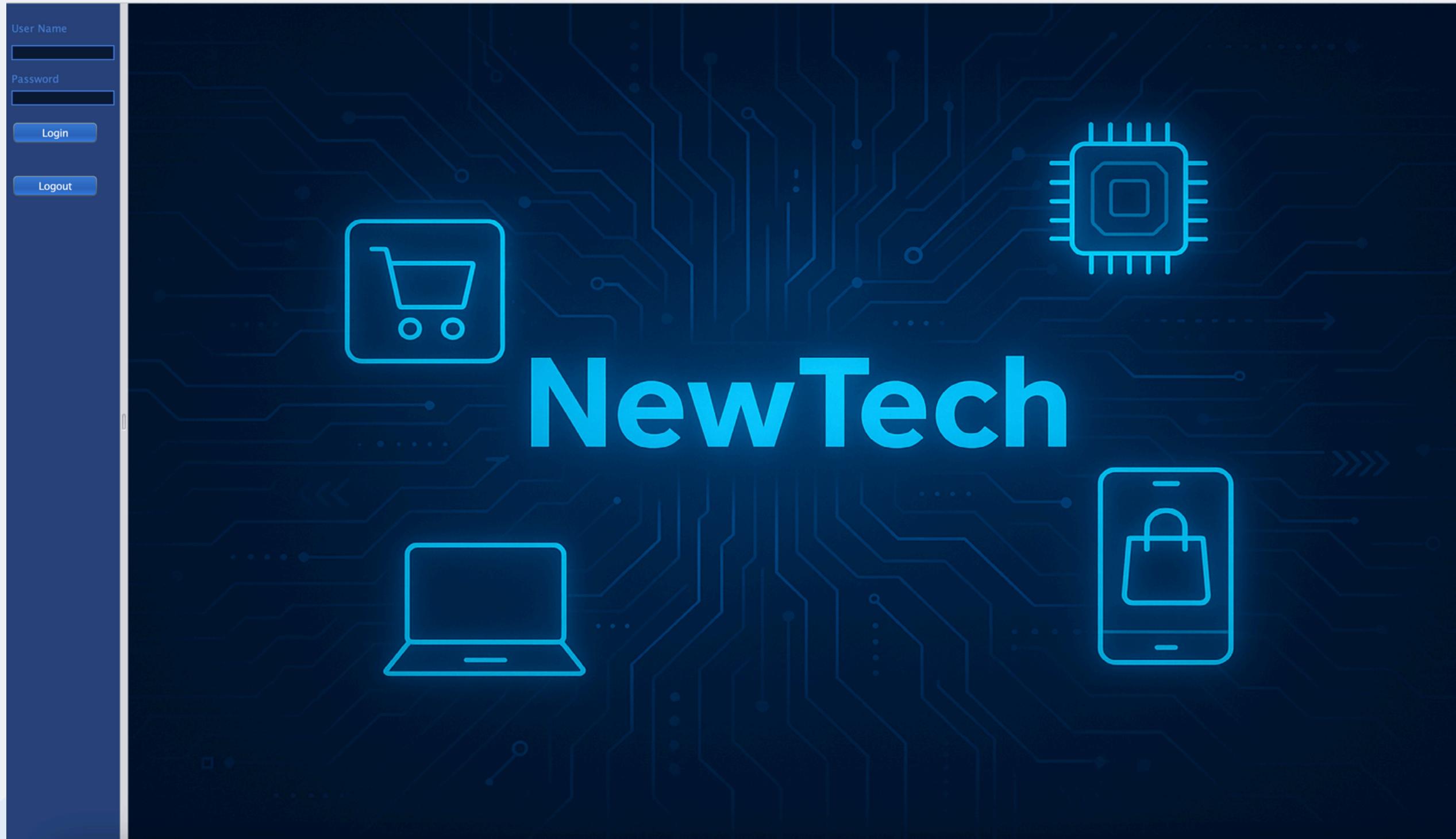


IMPLEMENTATION



IMPLEMENTATION - LOGIN

The system supports 8 user roles, each with a unique login ID to access their dedicated workspace.



IMPLEMENTATION - ADMIN

New App for NewTech Procurement

User Name
sysadmin

Password

Login

Logout

Welcome Admin!

Manage My Own Profile

User List Refresh List

Username	Employee Name	Role	Password
sysadmin	sysadmin	System Admin	sysadmin
c	customerservice	Customer Service Rep	****
m	merchant	Merchant	****
p	procurement	Procurement Specialist	****
l	customsagent	Customs Liaison Officer	****
t	logistics	Logistics Coordinator	****
w	warehouse	Warehouse Manager	****
pay	FinTechManager	Payment Team	****
la	LogisticsAdmin	Logistics Enterprise Admin	****
ra	RetailAdmin	Retail Admin	****
wa	WarehouseAdmin	Warehouse Supplier Admin	****

Add User Modify User Delete User

Suspend Suspicious Activities

Payment ID	Shipment Info	Amount

Accept Deny

Modify User Work Space

Username:

Password:

Update

IMPLEMENTATION - ADMIN

New App for NewTech Procurement

User Name
sysadmin

Password

Login

Logout

Welcome Admin!

Manage My Own Profile

User List Refresh List

Search User

Username	Employee Name	Role	Password
sysadmin	sysadmin	System Admin	sysadmin
c	customerservice	Customer Service Rep	****
m	merchant	Merchant	****
p	procurement	Procurement Specialist	****
l	customsagent	Customs Liaison Officer	****
t	logistics	Logistics Coordinator	****
w	warehouse	Warehouse Manager	****
pay	FinTechManager	Payment Team	****
la	LogisticsAdmin	Logistics Enterprise Admin	****
ra	RetailAdmin	Retail Admin	****
wa	WarehouseAdmin	Warehouse Supplier Admin	****

Add User Modify User Delete User

Suspend Suspicious Activities

Payment ID	Shipment Info	Amount

Accept Deny

Modify User Work Space

Modifying user: pay

Username: pay

Password: ****

Update

IMPLEMENTATION - ADMIN

New App for NewTech Procurement

The screenshot shows a user interface for adding a new user. On the left, there is a sidebar with a dark blue background containing fields for 'User Name' (sysadmin) and 'Password' (*****), and buttons for 'Login' and 'Logout'. The main area has a light gray background and features a title 'Add New User' with a 'Back' button. It includes four input fields: 'Employee name' (new emp), 'Role' (Payment Team), 'Username' (newfintech), and 'Password' (****). A 'Save' button is located at the bottom.

User Name
sysadmin

Password

Login

Logout

Add New User

<< Back

Employee name: new emp

Role: Payment Team

Username: newfintech

Password: ****

Save

IMPLEMENTATION-MERCHANT

New App for NewTech Procurement

Product Management System for TechGadgets Inc.

<< Back

Product Catalog: [Refresh List](#)

Product Id: [Search](#)

Product Name	Product ID	Price	Quantity	Stock Status	Last Updated
Apple AirPods Pro	HP-001	199.99	20	Normal	Sun Apr 20 23:01:06
Sony WH-1000XM5	HP-002	299.99	20	Normal	Sun Apr 20 23:01:06
Apple Watch Series 8	SW-001	349.99	20	Normal	Sun Apr 20 23:01:06
Samsung Galaxy Watch 5	SW-002	249.99	20	Normal	Sun Apr 20 23:01:06
iPad Pro 12.9"	TB-001	499.99	5	Requested	Sun Apr 20 23:03:05
Samsung Galaxy Tab S8	TB-002	349.99	5	Low	Sun Apr 20 23:01:06
Canon EOS R6	CM-001	699.99	5	Low	Sun Apr 20 23:01:06

[View Details](#) [ItemDownshelf](#) [Request Products](#)

Request Products

Product Name:

Product ID:

Product Price:

Request Quantity:

[Request](#)

View Product Details

Product Name:

Product ID:

Product Price:

[Update Product](#)

[Save](#)

IMPLEMENTATION-MERCHANT

New App for NewTech Procurement

<< Back

Refresh List Status: All Search Request ID... Search

Merchant Request ID	Product Name	Quantity	Update Date	Status
REQ-TB-001	iPad Pro 12.9"	20	Sun Apr 20 23:03:05 EDT 2025	Pending

Manage Product Catalog
Sales Reports
My Profile
View Merchant Request
Tracking Information

IMPLEMENTATION-MERCHANT

Sales Report Page

<< Back Start Date: 2025-04-01 End Date: 2025-04-16

Generate Report... Export CSV Print

Report area

Sales Report from 2025-04-01 to 2025-04-16

Total Sales: \$3639.84

Daily Sales:
2025-04-01: \$3639.84

Sales by Product:
Headphones (P005): \$519.96
Monitor (P004): \$599.98
Laptop (P001): \$1999.98
Keyboard (P003): \$269.97
Mouse (P002): \$249.95

Bar Chart Chart Panel

Sales Report (Tue Apr 01 23:04:06 EDT 2025 - Wed Apr 16 23:04:12 EDT 2025)

Sales Amount (\$)

Product	Quantity	Avg Price	Total Sales
Headphones (P005)	10	\$51.99	\$519.96
Monitor (P004)	10	\$59.99	\$599.98
Laptop (P001)	10	\$199.99	\$1999.98
Keyboard (P003)	10	\$26.99	\$269.97
Mouse (P002)	10	\$24.99	\$249.95

IMPLEMENTATION-PROCUREMENT

Merchant Requests Management

<< Back

Refresh List Status: All Search Request ID... Search

Merchant Request ID	Product Name	Quantity	Update Date	Status
REQ-TB-001	iPad Pro 12.9"	20	Sun Apr 20 23:03:05 EDT 2025	Completed

Add Request Profile

Message

Orders have been processed successfully!

OK

Items In Cart

Product Name	Purchase Cost	Quantity	Total Amount

Modify Quantity

Remove

The screenshot displays a user interface for managing merchant requests. At the top, there's a header titled 'Merchant Requests Management' with a back button. Below it is a search bar with fields for 'Status' (set to 'All') and 'Search Request ID...', and a 'Search' button. A table lists a single request: 'REQ-TB-001' for an 'iPad Pro 12.9"' in quantity 20, updated on 'Sun Apr 20 23:03:05 EDT 2025', and marked as 'Completed'. A modal window titled 'Message' shows a success notification: 'Orders have been processed successfully!' with an 'OK' button. On the left, there are navigation buttons for 'Add Request' and 'Profile'. At the bottom, there's a section for 'Items In Cart' with a table header and a row of empty cells. Below the cart table are buttons for 'Modify Quantity' (with an input field) and 'Remove'.

IMPLEMENTATION-WAREHOUSE

New App for NewTech Procurement

The screenshot shows a user interface for managing procurement requests. On the left, a vertical sidebar contains login fields for Name and Password, and buttons for Login and Logout. Below these are four blue buttons: Procurement Request, Management, Complaint Box, and My Profile. The main content area has a title "Procurement Specialist Requests Management" and a "Procurement Requests" section. This section includes a "Management" button, a "Refresh List" button, a dropdown menu for "Status" set to "All", a search bar for "Search Request ID...", and a "Search" button. A table displays a single row of data:

Product Name	Purchase Cost	Quantity	Total Amount
REQ-TB-001	iPad Pro 12.9"	20	Sun Apr 20 23:07:36 EDT 2025

At the bottom of the main content area are two buttons: "Process Order" and "Reject".

IMPLEMENTATION - WAREHOUSE

The screenshot shows the TechGadgets Inc. Warehouse Management System. On the left, there is a vertical sidebar with a dark blue background containing user authentication fields ('User Name' and 'Password'), a 'Login' button, and a 'Logout' button. Below these are four blue rectangular buttons labeled 'Procurement Request', 'Management', 'Complaint Box', and 'My Profile'. The main content area has a light gray background. At the top center, it says 'TechGadgets Inc. Warehouse Management System'. Below that is a 'TechGadgets Inc. Product Catalog:' section with a 'Refresh List' button, a search bar for 'Product Id:', and a 'Search' button. A table lists various products with columns for Product Name, Product ID, Price, Quantity, Stock Status, and Last Updated. The table includes items like iPad Pro 12.9", Samsung Galaxy Tab S8, Canon EOS R6, etc. At the bottom of this section is a 'Ship Quantity' input field and a 'Ship' button. Further down is a 'Ship Items List' section with a table showing a single item: iPad Pro 12.9" with a purchase cost of 499.99, a ship quantity of 20, and a total amount of 9999.8. It also features a 'Remove' button.

User Name
W
Password

Login
Logout

Procurement Request
Management
Complaint Box
My Profile

TechGadgets Inc. Warehouse Management System

<< Back

TechGadgets Inc. Product Catalog: Refresh List Product Id: Search

Product Name	Product ID	Price	Quantity	Stock Status	Last Updated
iPad Pro 12.9"	TB-001	499.99	60	In Stock	Sun Apr 20 23:03:59 E
Samsung Galaxy Tab S8	TB-002	349.99	100	In Stock	Sun Apr 20 23:03:59 E
Canon EOS R6	CM-001	699.99	70	In Stock	Sun Apr 20 23:03:59 E
Sony Alpha a7 IV	CM-002	449.99	90	In Stock	Sun Apr 20 23:03:59 E
Sonos One	SK-001	149.99	160	In Stock	Sun Apr 20 23:03:59 E
Bose SoundLink Revolve+	SK-002	249.99	140	In Stock	Sun Apr 20 23:03:59 E
Anker PowerCore 26800	PB-001	49.99	200	In Stock	Sun Apr 20 23:03:59 E
RAVPower 20000mAh	PB-002	79.99	180	In Stock	Sun Apr 20 23:03:59 E

Ship Quantity
Ship

Ship Items List

Product Name	Purchase Cost	Ship Quantity	Total Amount
iPad Pro 12.9"	499.99	20	9999.8

Remove
Ship

IMPLEMENTATION - WAREHOUSE

The screenshot displays the TechGadgets Inc. Warehouse Management System interface. On the left, a vertical sidebar contains login fields for User Name and Password, and buttons for Login, Logout, Procurement Request, Management, Complaint Box, and My Profile. The main content area shows the Product Catalog with a table of products like iPad Pro 12.9", Samsung Galaxy Tab S8, and Canon EOS R6. A modal dialog titled "Select Destination" is open over the catalog, prompting the user to select a destination for order ORD17452048168610, with "Boston" selected. Below the catalog is a "Ship Items List" table showing a single item: iPad Pro 12.9" with a quantity of 20 and a total amount of 9999.8. Buttons for Remove and Ship are visible at the bottom of the list.

User Name
W
Password

Login
Logout
Procurement Request
Management
Complaint Box
My Profile

TechGadgets Inc. Warehouse Management System

<< Back

TechGadgets Inc. Product Catalog: Refresh List Product Id: Search

Product Name	Product ID	Price	Quantity	Stock Status	Last Updated
iPad Pro 12.9"	TB-001	499.99	60	In Stock	Sun Apr 20 23:03:59 I
Samsung Galaxy Tab S8	TB-002	349.99	100	In Stock	Sun Apr 20 23:03:59 I
Canon EOS R6	CM-001	699.99	70	In Stock	Sun Apr 20 23:03:59 I
Sony Alpha a7 IV	CM-002	449.99	90	In Stock	Sun Apr 20 23:03:59 I
Sonos One	SK-001	149.99	10	In Stock	Sun Apr 20 23:03:59 I
Bose SoundLink Revolve+	SK-002	249.99	20	In Stock	Sun Apr 20 23:03:59 I
Anker PowerCore 26800	PB-001	49.99	50	In Stock	Sun Apr 20 23:03:59 I
RAVPower 20000mAh	PB-002	79.99	30	In Stock	Sun Apr 20 23:03:59 I

Select Destination

Select destination for order ORD17452048168610:
Boston

Cancel OK

Ship Items List

Product Name	Purchase Cost	Ship Quantity	Total Amount
iPad Pro 12.9"	499.99	20	9999.8

Remove
Ship

IMPLEMENTATION - WAREHOUSE

The screenshot displays the TechGadgets Inc. Warehouse Management System interface. On the left, a sidebar contains a login form with fields for User Name and Password, and buttons for Login and Logout. Below these are four blue buttons: Procurement Request, Management, Complaint Box, and My Profile. The main content area shows a product catalog titled "TechGadgets Inc. Product Catalog:" with a "Refresh List" button. A search bar includes a "Product Id:" input field and a "Search" button. A table lists products with columns for Product Name, Product ID, Price, Quantity, Stock Status, and Last Updated. An order detail window is overlaid on the page, prompting the user to "Select Destination" for order ORD17452048168610. The window lists destinations: Boston (selected), Boston, Los Angeles, New York, Cancun, and Guanajuato. At the bottom, there's a "Ship Items List" table and a "Ship" button.

TechGadgets Inc. Warehouse Management System

<< Back

TechGadgets Inc. Product Catalog: Refresh List

Product Name	Product ID	Price	Quantity	Stock Status	Last Updated
iPad Pro 12.9"	TB-001	499.99	60	In Stock	Sun Apr 20 23:03:59 E
Samsung Galaxy Tab S8	TB-002	349.99	100	In Stock	Sun Apr 20 23:03:59 E
Canon EOS R6	CM-001	699.99	70	In Stock	Sun Apr 20 23:03:59 E
Sony Alpha a7 IV	CM-002	449.99	90	In Stock	Sun Apr 20 23:03:59 E
Sonos One	SK-001	149.99	100	In Stock	Sun Apr 20 23:03:59 E
Bose SoundLink Revolve+	SK-002	249.99	80	In Stock	Sun Apr 20 23:03:59 E
Anker PowerCore 26800	PB-001	49.99	50	In Stock	Sun Apr 20 23:03:59 E
RAVPower 20000mAh	PB-002	79.99	100	In Stock	Sun Apr 20 23:03:59 E

Select Destination

Select destination for order ORD17452048168610:

Boston

Boston

Los Angeles

New York

Cancun

Guanajuato

Ship Items List

Product Name	Purchase Cost	Ship Quantity	Total Amount
iPad Pro 12.9"	499.99	20	9999.8

Remove

Ship

IMPLEMENTATION - WAREHOUSE

The screenshot displays the TechGadgets Inc. Warehouse Management System interface. On the left, a vertical sidebar contains a login form with fields for User Name and Password, and buttons for Login and Logout. Below these are four blue buttons labeled Procurement Request, Management, Complaint Box, and My Profile. The main content area is titled "TechGadgets Inc. Warehouse Management System". It features a "TechGadgets Inc. Product Catalog" table listing various products like iPad Pro, Samsung Galaxy Tab, Canon EOS R6, etc., with columns for Product Name, Product ID, Price, Quantity, Stock Status, and Last Updated. A search bar at the top right allows filtering by Product Id. A modal window titled "Select Shipping Method" is open over the catalog table, prompting the user to select a method for order ORD17452048168610. The modal includes a dropdown menu with options: Air Freight (selected), Air Freight, Sea Freight, Ground, and Express. At the bottom of the main area, there is a "Ship Items List" table showing a single item: iPad Pro 12.9" with a purchase cost of 499.99, a ship quantity of 20, and a total amount of 9999.8. Buttons for Remove and Ship are present below the list.

Product Name	Product ID	Price	Quantity	Stock Status	Last Updated
iPad Pro 12.9"	TB-001	499.99	60	In Stock	Sun Apr 20 23:03:59 E
Samsung Galaxy Tab S8	TB-002	349.99	100	In Stock	Sun Apr 20 23:03:59 E
Canon EOS R6	CM-001	699.99	70	In Stock	Sun Apr 20 23:03:59 E
Sony Alpha a7 IV	CM-002	449.99	90	In Stock	Sun Apr 20 23:03:59 E
Sonos One	SK-001	149.99	14	In Stock	Sun Apr 20 23:03:59 E
Bose SoundLink Revolve+	SK-002	249.99	24	In Stock	Sun Apr 20 23:03:59 E
Anker PowerCore 26800	PB-001	49.99	49	In Stock	Sun Apr 20 23:03:59 E
RAVPower 20000mAh	PB-002	79.99	79	In Stock	Sun Apr 20 23:03:59 E

Product Name	Purchase Cost	Ship Quantity	Total Amount
iPad Pro 12.9"	499.99	20	9999.8

IMPLEMENTATION - WAREHOUSE

TechGadgets Inc. Warehouse Management System

<< Back

TechGadgets Inc. Product Catalog: Refresh List Product Id: Search

Product Name	Product ID	Price	Quantity	Stock Status	Last Updated
iPad Pro 12.9"	TB-001	499.99	60	In Stock	Sun Apr 20 23:03:59 E
Samsung Galaxy Tab S8	TB-002	349.99	100	In Stock	Sun Apr 20 23:03:59 E
Canon EOS R6	CM-001	699.99	70	In Stock	Sun Apr 20 23:03:59 E
Sony Alpha a7 IV	CM-002	449.99	90	In Stock	Sun Apr 20 23:03:59 E
Sonos One	SK-001	149.99		In Stock	Sun Apr 20 23:03:59 E
Bose SoundLink Revolve+	SK-002	249.99		In Stock	Sun Apr 20 23:03:59 E
Anker PowerCore 26800	PB-001	49.99		In Stock	Sun Apr 20 23:03:59 E
RAVPower 20000mAh	PB-002	79.99		In Stock	Sun Apr 20 23:03:59 E

Ship Quantity

Message

i Orders have been processed successfully! OK

Ship Items List

Product Name	Purchase Cost	Ship Quantity	Total Amount

Remove

Ship

IMPLEMENTATION - LOGISTICS

[DashBoard](#)[Shipment Tracking](#)[Customs Declaration](#)[Customer Complaint](#)[My Profile](#)[Logout](#)

Active Shipments

10

+12% from last week

Pending Customs

0

+5% from last week

Completed Deliveries

0

+8% from last month

Customer Complaints

0

-25% from last week

Pending Tasks

Task ID	Type	Priority	Status	Due Date
TRK1745204816861	Logistics transport request	Normal	Sun Apr 20 23:07:31 EDT 2025	Pending

[View Details](#)

Recent Shipment

Tracking Number	Ship Date	Method	Destination	Status	Est. Delivery

IMPLEMENTATION - LOGISTICS

New App for NewTech Procurement

The screenshot shows a web-based logistics tracking application. On the left, there is a vertical sidebar with a dark blue background containing a login form with fields for 'User Name' and 'Password', and buttons for 'Login' and 'Logout'. Above the sidebar are three circular icons: a light blue one at the top, a white one in the middle, and another light blue one at the bottom. The main content area has a light gray background. At the top, there is a header with a 'Back' button and a search bar labeled 'Logistics Tracking:' with a 'Refresh List' button. Below the header is a table with columns: ID, Shipping Method, Destination, Status, Shipping Date, and Estimated Delivery Date. The table contains six rows of data. At the bottom of the main content area, there is a section titled 'Basic Info' with tabs for 'Customs Info', 'Package Info', and 'Financial Info'. It includes input fields for 'Tracking No.', 'Shipping Date', 'Shipping Method', 'Destination', and 'Status'. A message at the top of this section says 'Please select a shipping order to view detailed map and tracking information.'

ID	Shipping Method	Destination	Status	Shipping Date	Estimated Delivery Date
TRK001	Air Freight	New York	Pending	2025-04-22	2025-04-29
TRK002	Sea Freight	Los Angeles	Processing	2025-04-22	2025-05-22
TRK003	Ground	Chicago	Shipped	2025-04-22	2025-05-07
TRK004	Express	Houston	In Transit	2025-04-22	2025-04-25
TRK005	Air Freight	Phoenix	Delivering	2025-04-22	2025-04-29
TRK006	Sea Freight	New York	Pending	2025-04-22	2025-05-22

Logistics Tracking: [Refresh List](#) Tracking No. [Search](#)

[View Details](#) [Add New Shipment](#) [Update Status](#) [Ship](#) [Delete](#)

Basic Info [Customs Info](#) [Package Info](#) [Financial Info](#)

Please select a shipping order to view detailed map and tracking information.

Tracking No:

Shipping Date:

Shipping Method:

Destination:

Status:

IMPLEMENTATION - LOGISTICS

User Name:

Password:

[Login](#)

[Logout](#)

[<< Back](#)

Logistics Tracking: [Refresh List](#)

Tracking No. [Search](#)

ID	Shipping Method	Destination	Status	Shipping Date	Estimated Delivery Date
TRK006	Sea Freight	New York	Pending	2025-04-22	2025-05-22
TRK007	Ground	Los Angeles	Processing	2025-04-22	2025-05-07
TRK008	Express	Chicago	Shipped	2025-04-22	2025-04-25
TRK009	Air Freight	Houston	In Transit	2025-04-22	2025-04-29
TRK010	Sea Freight	Phoenix	Delivering	2025-04-22	2025-05-22
Pending-SHP1745364816171	Air Freight	Boston	Pending	2025-04-22	To be determined

[View Details](#) [Add New Shipment](#) [Update Status](#) [Ship](#) [Delete](#)

[Basic Info](#) [Customs Info](#) [Package Info](#) [Financial Info](#)

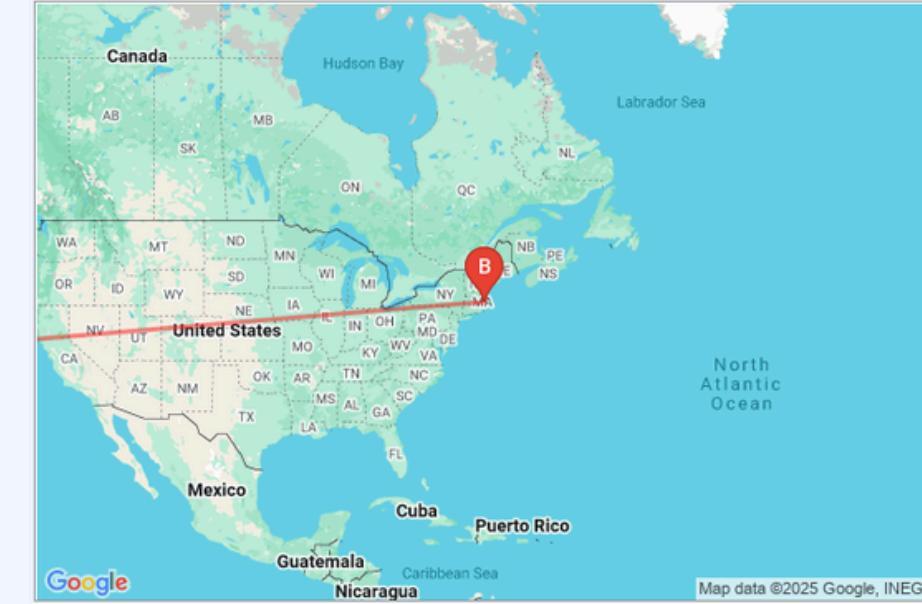
Tracking No:

Shipping Date: 2025-04-22

Shipping Method:

Destination: Boston

Status: Pending



Map data ©2025 Google, INEGI

Shipment Route Information

Tracking No: null
Origin: Shanghai Warehouse
Destination: Boston
Current Status: Pending
Ship Date: 2025-04-22

Tracking History

Time: 2025-04-22 19:36
Location: Warehouse
Status: Pending
Description: Order received, waiting for pro...

IMPLEMENTATION - LOGISTICS

Logistics Tracking: [Refresh List](#) Tracking No. [Search](#)

ID	Shipping Method	Destination	Status	Shipping Date	Estimated Delivery Date
TRK006	Sea Freight	New York	Pending	2025-04-22	2025-05-22
TRK007	Ground	Los Angeles	Processing	2025-04-22	2025-05-07
TRK008	Express	Chicago	Shipped	2025-04-22	2025-04-25
TRK009	Air Freight	Houston	In Transit	2025-04-22	2025-04-29
TRK010	Sea Freight	Phoenix	Delivering	2025-04-22	2025-05-22
Pending-SHP1745364816171	Air Freight	Boston	Pending	2025-04-22	To be determined

[View Details](#) [Add New Shipment](#) [Update Status](#) [Ship](#) [Delete](#)

[Basic Info](#) [Customs Info](#) [Package Info](#) [Financial Info](#)

Tracking No:

Shipping Date: 2025-04-22

Shipping Method:

Destination: Boston

Status: Pending

Shipment Route Information

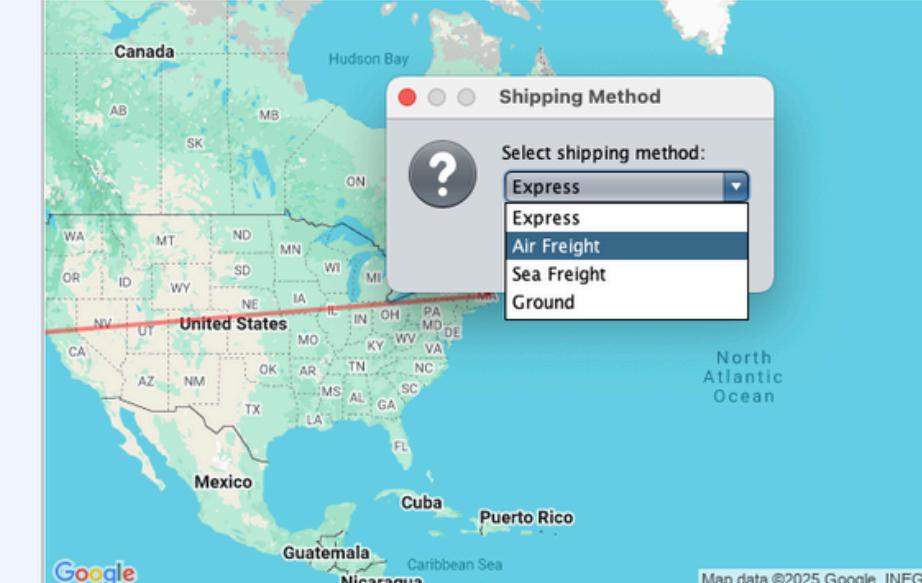
Tracking No: null
Origin: Shanghai Warehouse
Destination: Boston
Current Status: Pending
Ship Date: 2025-04-22

Tracking History

Time: 2025-04-22 19:36
Location: Warehouse
Status: Pending
Description: Order received, waiting for pro...

Shipping Method

Select shipping method:
Express
Express
Air Freight
Sea Freight
Ground



Map data ©2025 Google, INEGI

IMPLEMENTATION - LOGISTICS

User Name:

Password: [Forgot Password?](#)

[Login](#) [Logout](#)

[<< Back](#)

Logistics Tracking: [Refresh List](#) Tracking No. [Search](#)

ID	Shipping Method	Destination	Status	Shipping Date	Estimated Delivery Date
TRK006	Sea Freight	New York	Pending	2025-04-22	2025-05-22
TRK007	Ground	Los Angeles	Processing	2025-04-22	2025-05-07
TRK008	Express	Chicago	Shipped	2025-04-22	2025-04-25
TRK009	Air Freight	Houston	In Transit	2025-04-22	2025-04-29
TRK010	Sea Freight	Phoenix	Delivering	2025-04-22	2025-05-22
TRK1745365049738	Air Freight	Boston	Shipped	2025-04-22	2025-04-29

[View Details](#) [Add New Shipment](#) [Update Status](#) [Ship](#) [Delete](#)

[Basic Info](#) [Customs Info](#) [Package Info](#) [Financial Info](#)

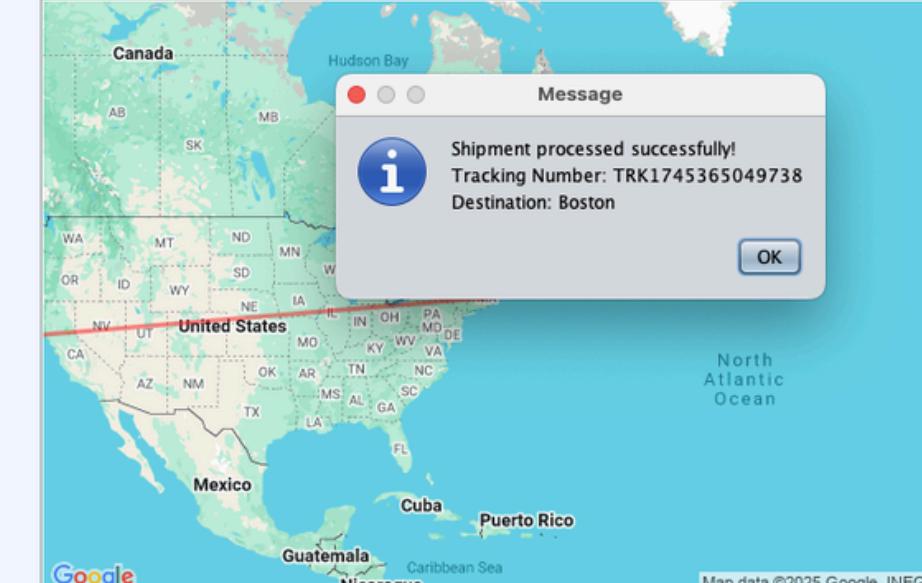
Tracking No:

Shipping Date: 2025-04-22

Shipping Method:

Destination: Boston

Status: Pending


Map data ©2025 Google, INEGI

Message
Shipment processed successfully!
Tracking Number: TRK1745365049738
Destination: Boston

Shipment Route Information
Tracking No: null
Origin: Shanghai Warehouse
Destination: Boston
Current Status: Pending
Ship Date: 2025-04-22

Tracking History
Time: 2025-04-22 19:36
Location: Warehouse
Status: Pending
Description: Order received, waiting for pro...

IMPLEMENTATION - LOGISTICS

User Name

Password

Login

Logout

<< Back

Logistics Tracking: [Refresh List](#)

Tracking No. Search

ID	Shipping Method	Destination	Status	Shipping Date	Estimated Delivery Date
TRK006	Sea Freight	New York	Pending	2025-04-22	2025-05-22
TRK007	Ground	Los Angeles	Processing	2025-04-22	2025-05-07
TRK008	Express	Chicago	Shipped	2025-04-22	2025-04-25
TRK009	Air Freight	Houston	In Transit	2025-04-22	2025-04-29
TRK010	Sea Freight	Phoenix	Delivering	2025-04-22	2025-05-22
TRK1745365049738	Air Freight	Boston	Shipped	2025-04-22	2025-04-29

[View Details](#) [Add New Shipment](#) [Update Status](#) [Ship](#) [Delete](#)

[Basic Info](#) [Customs Info](#) [Package Info](#) [Financial Info](#)

Tracking No: TRK1745365049738

Shipping Date: 2025-04-22

Shipping Method: Air Freight

Destination: Boston

Status: Shipped



Map data ©2025 Google, INEGI

Shipment Route Information

Tracking No: TRK1745365049738
Origin: Shanghai Warehouse
Destination: Boston
Current Status: Shipped
Ship Date: 2025-04-22
Estimated Delivery: 2025-04-29

Tracking History

Time: 2025-04-22 19:37
Location: Departed from Warehouse
Status: Shipped
Description: Package has been shipped fro...
Time: 2025-04-22 19:37
Location: Shanghai Warehouse

IMPLEMENTATION - LOGISTICS

User Name

Password

Login

Logout

<< Back

Logistics Tracking: Refresh List

Tracking No. Search

ID	Shipping Method	Destination	Status	Shipping Date	Estimated Delivery Date
TRK006	Sea Freight	New York	Pending	2025-04-22	2025-05-22
TRK007	Ground	Los Angeles	Processing	2025-04-22	2025-05-07
TRK008	Express	Chicago	Shipped	2025-04-22	2025-04-25
TRK009	Air Freight	Houston	In Transit	2025-04-22	2025-04-29
TRK010	Sea Freight	Phoenix	Delivering	2025-04-22	2025-05-22
TRK1745365049738	Air Freight	Boston	Shipped	2025-04-22	2025-04-29

[View Details](#) [Add New Shipment](#) [Update Status](#) [Ship](#) [Delete](#)

Basic Info Customs Info Package Info Financial Info

Declaration ID: CD1745364985311

Consignor: Shanghai Warehouse

Consignee: Boston

Country of Origin: China

Destination Country: United States

Status: Draft

Customs Office:

Notes: Auto-generated customs declaration

Declaration Items

Description	Quantity	Unit Value
Anker PowerCore 2...	20	100.0

Map data ©2025 Google, INEGI

Shipment Route Information

Tracking No: TRK1745365049738
Origin: Shanghai Warehouse
Destination: Boston
Current Status: Shipped
Ship Date: 2025-04-22
Estimated Delivery: 2025-04-29

Tracking History

Time: 2025-04-22 19:37
Location: Departed from Warehouse
Status: Shipped
Description: Package has been shipped fro...
Time: 2025-04-22 19:37
Location: Shanghai Warehouse

IMPLEMENTATION - LOGISTICS

User Name

Password

Login

Logout

<< Back

Logistics Tracking: Refresh List

Tracking No. Search

ID	Shipping Method	Destination	Status	Shipping Date	Estimated Delivery Date
TRK006	Sea Freight	New York	Pending	2025-04-22	2025-05-22
TRK007	Ground	Los Angeles	Processing	2025-04-22	2025-05-07
TRK008	Express	Chicago	Shipped	2025-04-22	2025-04-25
TRK009	Air Freight	Houston	In Transit	2025-04-22	2025-04-29
TRK010	Sea Freight	Phoenix	Delivering	2025-04-22	2025-05-22
TRK1745365049738	Air Freight	Boston	Shipped	2025-04-22	2025-04-29

[View Details](#) [Add New Shipment](#) [Update Status](#) [Ship](#) [Delete](#)

[Basic Info](#) [Customs Info](#) [Package Info](#) [Financial Info](#)

Weight (kg):

Dimensions (cm):

Package Type:

Item Count:

Special Handling:

Notes:



Map data ©2025 Google, INEGI

Shipment Route Information

Tracking No: TRK1745365049738
Origin: Shanghai Warehouse
Destination: Boston
Current Status: Shipped
Ship Date: 2025-04-22
Estimated Delivery: 2025-04-29

Tracking History

Time: 2025-04-22 19:37
Location: Departed from Warehouse
Status: Shipped
Description: Package has been shipped fro...
Time: 2025-04-22 19:37
Location: Shanghai Warehouse

IMPLEMENTATION - LOGISTICS

User Name:

Password:

[Login](#) [Logout](#)

[<< Back](#)

Logistics Tracking: [Refresh List](#) Tracking No. [Search](#)

ID	Shipping Method	Destination	Status	Shipping Date	Estimated Delivery Date
TRK006	Sea Freight	New York	Pending	2025-04-22	2025-05-22
TRK007	Ground	Los Angeles	Processing	2025-04-22	2025-05-07
TRK008	Express	Chicago	Shipped	2025-04-22	2025-04-25
TRK009	Air Freight	Houston	In Transit	2025-04-22	2025-04-29
TRK010	Sea Freight	Phoenix	Delivering	2025-04-22	2025-05-22
TRK1745365049738	Air Freight	Boston	Shipped	2025-04-22	2025-04-29

[View Details](#) [Add New Shipment](#) [Update Status](#) [Ship](#) [Delete](#)

[Basic Info](#) [Customs Info](#) [Package Info](#) [Financial Info](#)

Invoice Number:

Shipping Cost (USD):

Insurance Cost (USD):

Customs Duties (USD):

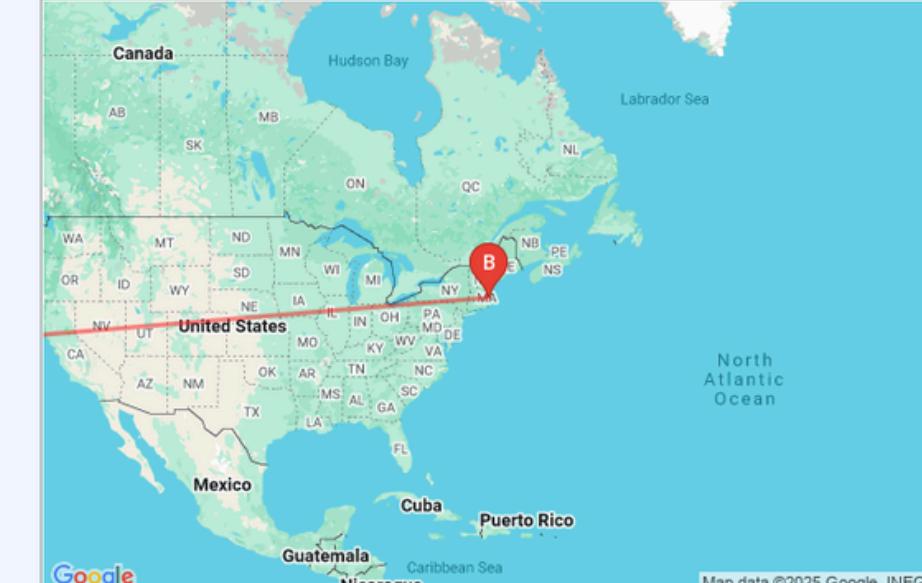
Taxes (USD):

Other Charges (USD):

Total Cost (USD):

Payment Status:

[Calculate Total](#)


Map data ©2025 Google, INEGI

Shipment Route Information

Tracking No: TRK1745365049738
Origin: Shanghai Warehouse
Destination: Boston
Current Status: Shipped
Ship Date: 2025-04-22
Estimated Delivery: 2025-04-29

Tracking History

Time: 2025-04-22 19:37
Location: Departed from Warehouse
Status: Shipped
Description: Package has been shipped fro...
Time: 2025-04-22 19:37
Location: Shanghai Warehouse

IMPLEMENTATION - LOGISTICS

New App for NewTech Procurement

The screenshot shows a web-based application for managing customs declarations. On the left, a vertical sidebar contains a login form with fields for User Name and Password, and buttons for Login and Logout. The main content area has a header "Customs Declaration Management" with a "Back" link. Below the header is a table titled "Customs Declarati..." with a "Create New" button. The table lists declarations with columns for Declaration ID, Status, and Date. One row is highlighted for declaration CD1745365049738, which is currently Pending. To the right of the table is a large form titled "Customs Declaration Details". It includes sections for Basic Information (Declaration ID, Status, Shipment Number, Consignor, Country of Origin), Goods Information (a table showing Anker PowerCore 26800 details), and Customs Processing Information (Customs Office, Processing Date, Notes/Comments). Action buttons for Save, Submit, Print, and Delete are located at the top right of the details form.

User Name
Password
Login
Logout

<< Back

Customs Declaration Management

Search by ID Search

Customs Declaration Details

Basic Information

Declaration ID:	CD1745365049738	Status:	Pending
Shipment Number:	TRK1745365049738	Declaration Date:	2025-04-22
Consignor:	Shanghai Warehouse	Consignee:	Boston
Country of Origin:	China	Destination Country:	United States

Goods Information

Description	HS Code	Quantity	Unit	Unit Value	Total Value	Gross Weight
Anker PowerCore 26800		20	PCS	100.0	2000.0	10.0

Add Item

Customs Processing Information

Customs Office:

Processing Da...

Notes/Comme...

Customs Declarati... Create New

Declaration ID	Status	Date
CD202504120001	Draft	2025-04-22
CD202504150002	Submitted	2025-04-17
CD202504100003	Approved	2025-04-07
CD202504020004	Submitted	2025-04-12
CD202504030005	Information Needed	2025-04-02
CD202504100006	Draft	2025-04-22
CD202504050007	Submitted	2025-04-14
CD202504010008	Approved	2025-03-28
CD202504060009	Submitted	2025-04-15
CD202504110010	Draft	2025-04-22
CD1745364985311	Draft	2025-04-22
CD1745365049738	Pending	2025-04-22

IMPLEMENTATION - LOGISTICS

Customs Declaration Management

User Name:

Password:

Login

<< Back

Search by ID:

Declaration ID	Status	Date
CD202504120001	Draft	2025-04-22
CD202504150002	Submitted	2025-04-17
CD202504010003	Approved	2025-04-07
CD202504020004	Submitted	2025-04-12
CD202504030005	Information Needed	2025-04-02
CD202504100006	Draft	2025-04-22
CD202504050007	Submitted	2025-04-14
CD202504010008	Approved	2025-03-28
CD202504060009	Submitted	2025-04-15
CD202504110010	Draft	2025-04-22
CD1745364985311	Draft	2025-04-22
CD1745365049738	Pending	2025-04-22

Customs Declaration Details

Save

Basic Information

Declaration ID:	<input type="text" value="CD1745365049738"/>	Status:	<input type="text" value="Pending"/>
Shipment Number:	<input type="text" value="TRK1745365049738"/>	Declaration Date:	<input type="text" value="2025-04-22"/>
Consignor:	<input type="text" value="Shanghai Warehouse"/>	Consignee:	<input type="text" value="Boston"/>
Country of Origin:	<input type="text" value="China"/>	Destination Country:	<input type="text" value="United States"/>

Goods Information

Message: Declaration CD1745365049738 successfully submitted to customs

Description: Anker PowerCore 26800

Description	Unit Value	Total Value	Gross Weight
Anker PowerCore 26800	100.0	2000.0	10.0

Add Item

Customs Processing Information

Customs Office:

Processing Da...

Notes/Comme...

IMPLEMENTATION - LOGISTICS

New App for NewTech Procurement

User Name

Password

Login
[Logout](#)

<< Back

Customs Declaration Management

Customs Declarati... [Create New](#)

Declaration ID	Status	Date
CD202504120001	Draft	2025-04-22
CD202504150002	Submitted	2025-04-17
CD202504010003	Approved	2025-04-07
CD202504020004	Submitted	2025-04-12
CD202504030005	Information Needed	2025-04-02
CD202504100006	Draft	2025-04-22
CD202504050007	Submitted	2025-04-14
CD202504010008	Approved	2025-03-28
CD202504060009	Submitted	2025-04-15
CD202504110010	Draft	2025-04-22
CD1745364985311	Draft	2025-04-22
CD1745365049738	Submitted	2025-04-22

Customs Declaration Details

Basic Information

Declaration ID:	CD1745365049738	Status:	Pending
Shipment Number:	TRK1745365049738	Declaration Date:	2025-04-22
Consignor:	Shanghai Warehouse	Consignee:	Boston
Country of Origin:	China	Destination Country:	United States

Goods Information

Message: Declaration submitted successfully and sent to Customs Office.

Description	Unit Value	Total Value	Gross Weight
Anker PowerCore 26800	100.0	2000.0	10.0

Add Item

Customs Processing Information

Customs Office:

Processing Da...

Notes/Comme...

Save Submit Print Delete

Search by ID Search

IMPLEMENTATION - LOGISTICS

New App for NewTech Procurement

The screenshot shows a web-based application for managing customs declarations. On the left, a sidebar contains a login form with fields for User Name and Password, and buttons for Login and Logout. A green 'Create New' button is located at the top right of the sidebar. The main content area has a header 'Customs Declaration Management' with a 'Back' link. To the right is a search bar with a 'Search by ID' input field and a 'Search' button. Below the header is a table titled 'Customs Declarati...' with columns for Declaration ID, Status, and Date. The table lists several entries, including one highlighted in grey. To the right of the table is a large form titled 'Customs Declaration Details'. It includes sections for 'Basic Information' (with fields for Declaration ID, Shipment Number, Consignor, Country of Origin, Status, Declaration Date, Consignee, and Destination Country), 'Goods Information' (with a table showing a single item: Anker PowerCore 26800, quantity 20, unit PCS, unit value 100.0, total value 2000.0, and gross weight 10.0, plus an 'Add Item' button), and 'Customs Processing Information' (with fields for Customs Office, Processing Date, and Notes/Comments). At the bottom right of the main content area is a blue decorative element.

User Name
Password
Login
Logout

Customs Declaration Management

<< Back

Search by ID Search

Customs Declaration Details

Basic Information

Declaration ID:	CD1745365049738	Status:	Pending
Shipment Number:	TRK1745365049738	Declaration Date:	2025-04-22
Consignor:	Shanghai Warehouse	Consignee:	Boston
Country of Origin:	China	Destination Country:	United States

Goods Information

Description	HS Code	Quantity	Unit	Unit Value	Total Value	Gross Weight
Anker PowerCore 26800		20	PCS	100.0	2000.0	10.0

Add Item

Customs Processing Information

Customs Office:

Processing Da...

Notes/Comme...

Create New

Declaration ID	Status	Date
CD202504120001	Draft	2025-04-22
CD202504150002	Submitted	2025-04-17
CD202504010003	Approved	2025-04-07
CD202504020004	Submitted	2025-04-12
CD202504030005	Information Needed	2025-04-02
CD202504100006	Draft	2025-04-22
CD202504050007	Submitted	2025-04-14
CD202504010008	Approved	2025-03-28
CD202504060009	Submitted	2025-04-15
CD202504110010	Draft	2025-04-22
CD1745364985311	Draft	2025-04-22
CD1745365049738	Submitted	2025-04-22

IMPLEMENTATION - CUSTOMS

The screenshot shows the Customs Implementation dashboard. On the left, a vertical sidebar lists navigation options: Dashboard, Document Review, Submit Documents, Return Tax, My Profile, and Customer Complaint. The main content area features four summary cards at the top:

- Pending Reviews: 6 (+5% from last week)
- Approved Documents: 2 (+8% from last month)
- Rejected Documents: 0 (-12% from last week)
- Tax Returns: 2 (+3% from last week)

Below these cards is a section titled "Pending Documents" containing a table:

Declaration ID	Submission Date	Origin	Consignor
CD202504150002	2025-04-19	South Korea	Samsung Electronics Co., Ltd.
CD202504020004	2025-04-14	United States	Dell Technologies
CD202504050007	2025-04-16	China	Huawei Technologies
CD202504060009	2025-04-17	Japan	Nintendo Co., Ltd.
CD1745365049738	2025-04-22	China	Shanghai Warehouse
CD1745365049738	2025-04-22	China	Shanghai Warehouse

A "View Details" button is located at the bottom right of this section. Below this is a section titled "Recent Activities" containing another table:

Declaration ID	Processing Date	Status	Consignor
CD202504010003	2025-04-10	Approved	Sony Corporation
CD202504030005	2025-04-04	Information Needed	LG Electronics
CD202504010008	2025-03-31	Approved	Xiaomi

IMPLEMENTATION - CUSTOMS

The screenshot shows a web-based application for customs declaration review. On the left, there is a vertical sidebar with a dark blue header containing three white circles of increasing size from top to bottom. Below the header, the text "New App for NewTech Procurement" is written vertically. The main content area has a light gray background.

Left Sidebar:

- User Name: [Input Field]
- Password: [Input Field]
- Login: [Blue Button]
- Logout: [Blue Button]

Main Content Area:

- Document Review:** A title bar with a "Back" button and a search bar labeled "Search by ID" with a "Search" button.
- Document Queue:** A table titled "Document Queue" with a dropdown menu showing "All". The table has columns: Declaration ID, Type, Status, and Submission D...
Data:

Declaration ID	Type	Status	Submission D...
CD2025041...	Standard	Submitted	2025-04-19
CD20250401...	Standard	Approved	2025-04-08
CD20250402...	Standard	Submitted	2025-04-14
CD20250403...	Standard	Information N...	2025-04-03
CD20250405...	Standard	Submitted	2025-04-16
CD20250401...	Standard	Approved	2025-03-29
CD20250406...	Standard	Submitted	2025-04-17
CD20250401...	Standard	Submitted	2025-04-22
CD17453650...	Standard	Submitted	2025-04-22
CD17453650...	Standard	Submitted	2025-04-22
- Review Document:** A section for viewing a specific document. It shows the "Review Document" as "Customs Declaration - CD1745365049738" and provides three buttons: "Approve" (green), "Reject" (red), and "Request Info" (orange).
- Document Information:** Fields for "Document ID" (CD1745365049738), "Document Type" (Customs Declaration), "Submission Date" (2025-04-22 19:42), and "Submitted By" (Shanghai Warehouse).
- Document Content:** A detailed view of the declaration. It includes "Declaration Details" (Consignor: Shanghai Warehouse, Consignee: Boston, Origin Country: China, Destination Country: United States) and "Declared Items" (Anker PowerCore 26800, HS Code, Quantity: 20 PCS, Value: \$2000.00).
- Review Notes:** A large text area for entering review notes.

IMPLEMENTATION - CUSTOMS

The screenshot shows a web-based application for managing customs tax returns. On the left, a vertical sidebar contains a login form with fields for User Name and Password, and buttons for Login and Logout. The main content area has a header "Return Tax Management". It includes a "Tax Return Application" section with fields for Application Type (set to "Customs Declaration"), Related Declaration, Tax ID/ Registration No., Original Tax Amount, Return Amount, Return Reason, and Notes. Below these are "Reset" and "Submit" buttons. To the right is a "Tax Return Applications" table with columns for Application ID, Related Decl., Amount, Date, and Status. The table is currently empty. At the bottom is a "Tax Return Guide" section with three expandable panels: "Export Tax Return (China)", "Duty Drawback (USA)", and "IVA Return (Mexico)".

User Name

Password

Login

Logout

<< Back

Return Tax Management

Tax Return Application

Application Type: Customs Declaration

Related Declaration:

Tax ID/ Registration No:

Original Tax Amount:

Return Amount:

Return Reason:

Notes:

Reset Submit

Tax Return Applications

Application ID	Related Decl.	Amount	Date	Status

Tax Return Guide

Export Tax Return (China)
For Chinese exporters, VAT refund eligibility requires completed customs declaration and proof of export.

Duty Drawback (USA)
Refund of certain duties, taxes, and fees collected upon importation. Must have proof of exportation.
Application deadline: 3 years from import date.

IVA Return (Mexico)
IVA (VAT) tax returns for exporters in Mexico require proof of international shipment and customs clearance.
Filing should be completed within 40 working days after export.

IMPLEMENTATION - CUSTOMS

The screenshot shows a web-based application for managing customs tax returns. The interface includes a left sidebar with user authentication, a main header, and several functional sections: Tax Return Application, Tax Return Applications, and Tax Return Guide.

User Authentication:

- User Name: [Input Field]
- Password: [Input Field]
- Login: [Blue Button]
- Logout: [Blue Button]

Main Header:

- << Back: [Blue Button]

Return Tax Management:

Tax Return Application:

Application Type: **Customs Declaration** (selected from dropdown)

- Related Declaration: **Customs Declaration** (highlighted in blue)
- Commercial Invoice
- Packing List
- Certificate of Origin
- Shipping Document

Fields for tax amounts and reason:

- Original Tax Amount: [Input Field]
- Return Amount: [Input Field]
- Return Reason: [Input Field]
- Notes: [Text Area]

Action buttons: Reset, Submit

Tax Return Applications:

Application ID	Related Decl.	Amount	Date	Status

Tax Return Guide:

- Export Tax Return (China)**
For Chinese exporters, VAT refund eligibility requires completed customs declaration and proof of exportation.
- Duty Drawback (USA)**
Refund of certain duties, taxes, and fees collected upon importation. Must have proof of exportation.
Application deadline: 3 years from import date.
- IVA Return (Mexico)**
IVA (VAT) tax returns for exporters in Mexico require proof of international shipment and customs clearance.
Filing should be completed within 40 working days after export.

IMPLEMENTATION - CUSTOMER SERVICE

New App for NewTech Procurement

Customer Service Management System

<< Back

Refresh List Status: All Search Complaint ID... Search

Complaint ID	Customer Name	Status	Complaint Type
C001	CUST001	In Progress	iPhone 14 Pro screen has
C002	CUST002	In Progress	Samsung Galaxy S22 bat
C003	CUST001	Resolved	MacBook Pro overheating
C004	CUST003	New	Package delayed by 5 da
C005	CUST004	In Progress	Package damaged, requ
C006	CUST002	In Progress	Unable to track package,
C007	CUST005	Resolved	Refund not received afte
C008	CUST001	New	Partial refund received, r
C009	CUST001	...	Customer service rep wa
C010	CUST001	...	Multiple attempts to cont
W001	CUST001	...	Warehouse Package re

Process Selected

Message

i Complaint C008 has been forwarded to Logistics department, status updated to 'Forwarded to Logistics'

OK

Complaint ID: C008

Customer Name: CUST001

Complaint Type: Customer Complaint

Select Department Role: Logistics

Customer Complaint Content: Partial refund received, missing coupon amount

Submit

The screenshot shows a web-based application for managing customer complaints. On the left, a vertical sidebar lists 'Customer Service', 'Complaint Management', and 'Logistics'. The main area is titled 'Customer Service Management System' and contains a table of complaints. A row for 'C008' is selected, and a modal dialog is displayed. The dialog title is 'Message' and contains the text 'Complaint C008 has been forwarded to Logistics department, status updated to \'Forwarded to Logistics\''. It includes fields for 'Complaint ID' (C008), 'Customer Name' (CUST001), 'Complaint Type' (Customer Complaint), 'Select Department Role' (Logistics), and 'Customer Complaint Content' (Partial refund received, missing coupon amount). At the bottom of the dialog is a 'Submit' button.

IMPLEMENTATION - CUSTOMER SERVICE

New App for NewTech Procurement

The screenshot shows a web-based application for Customer Complaint Management. On the left, there is a vertical sidebar with a dark blue background. At the top of the sidebar are three circular icons: orange, green, and light blue. Below these are input fields for 'User Name' and 'Password', followed by 'Login' and 'Logout' buttons. The main content area has a light gray header with the title 'Customer Complaint Management' and a 'Back' button. Below the header is a search bar with a 'Search' button. The central part of the screen displays a table of complaints:

Complaint ID	Customer Name	Complaint Type
C004	CUST003	Customs Issue
C005	CUST004	Customs Issue
C006	CUST002	Customs Issue
C007	CUST005	Customs Issue
C008	CUST001	Customs Issue

Below the table is a 'Detailed' button. The detailed view for complaint C008 is shown in a modal window:

Customers Complaint Detailed

Complaint ID:	C008
Customer Name:	CUST001
Complaint Type:	Customs Issue
Customer Complaint Content:	Partial refund received, missing coupon amount

IMPLEMENTATION - PAYMENT TEAM(FINTECH)

New App for NewTech Procurement

The screenshot shows a user interface for a payment center. On the left, there is a sidebar with a dark blue background containing a login form with fields for 'User Name' (pay) and 'Password' (****), and buttons for 'Login' and 'Logout'. The main content area has a light gray background. At the top, it says 'Welcome to Payment Center!'. Below this is a table with columns: Payment ID, Order ID, Amount, Status, and Date. The table contains five rows of data:

Payment ID	Order ID	Amount	Status	Date
PAY0001	ORD0001	\$36477.61	Completed	03/30/2025
PAY0002	ORD0002	\$1819.79	Pending	04/13/2025
PAY0003	ORD0003	\$29959.71	Completed	04/08/2025
PAY0004	ORD0004	\$1753.94	Pending	04/15/2025
PAY0005	ORD0005	\$38436.11	Pending	04/21/2025

Below the table are four buttons: 'Refund', 'Report Suspicious', 'View Detail..', and 'View Revenue'. At the bottom, there are four input fields with labels: 'Payment ID:' (with a placeholder field), 'Single Item Price:' (with a placeholder field), 'Amount:' (with a placeholder field), and 'Subtotal:' (with a placeholder field).

IMPLEMENTATION - PAYMENT TEAM(FINTECH)

New App for NewTech Procurement

The screenshot shows the 'Welcome to Payment Center!' screen. On the left, there is a sidebar with 'User Name' (pay) and 'Password' (****), a 'Login' button, and a 'Logout' button. The main area displays a table of payment transactions:

Payment ID	Order ID	Amount	Status	Date
PAY0001	ORD0001	\$36477.61	Completed	03/30/2025
PAY0002	ORD0002	\$1819.79	Pending	04/13/2025
PAY0003	ORD0003	\$29959.71	Completed	04/08/2025
PAY0004	ORD0004	\$1753.94	Pending	04/15/2025
PAY0005	ORD0005	\$38436.11	Pending	04/21/2025

Below the table are four buttons: 'Refund', 'Report Suspicious', 'View Detail..', and 'View Revenue'. At the bottom, there are input fields for a specific transaction:

Payment ID:

Single Item Price:

Amount:

Subtotal:

IMPLEMENTATION - PAYMENT TEAM(FINTECH)

New App for NewTech Procurement

The screenshot displays the 'Welcome to Payment Center!' interface. On the left, a sidebar contains 'User Name' (pay), 'Password' (****), a 'Login' button, and a 'Logout' button. The main area shows a table of payments:

Payment ID	Order ID	Amount	Status	Date
PAY0001	ORD0001	\$36477.61	Completed	03/30/2025
PAY0002	ORD0002	\$1819.79	Pending	04/13/2025
PAY0003	ORD0003	\$29959.71	Completed	04/08/2025
PAY0004	ORD0004	\$1753.94	Pending	04/15/2025
PAY0005	ORD0005	\$38436.11	Pending	04/21/2025

A modal window titled 'Payment Flagged' informs the user: 'This payment has been flagged and is now under review.' with an 'OK' button.

Below the table, detailed payment information is shown:

- Payment ID: PAY0003
- Single Item Price: \$1033.09
- Amount: 29
- Subtotal: \$29959.71

FEATURE - ANTI-SCALPER + FRAUD PREVENTION

New App for NewTech Procurement

The screenshot displays the NewTech Procurement application interface. On the left, a sidebar shows a login form with fields for User Name (sysadmin) and Password (*****), and buttons for Login and Logout. The main content area features a "Welcome Admin!" message and a "Manage My Own Profile" button. A "User List" table is shown, with "Refresh List" and "Search User" buttons above it. The table lists users with their roles: sysadmin (System Admin), customerservice (Customer Service Rep), merchant (Merchant), procurement (Procurement Specialist), customsagent (Customs Liaison Officer), logistics (Logistics Coordinator), warehouse (Warehouse Manager), FinTechManager (Payment Team), LogisticsAdmin (Logistics Enterprise Admin), RetailAdmin (Retail Admin), and WarehouseAdmin (Warehouse Supplier Admin). Below the table are buttons for Add User, Modify User, and Delete User. Two modal windows are displayed: "Suspend Suspicious Activities" showing a table with a single row (PAY0003, ORD0003, \$29959.71) and "Accept" and "Deny" buttons, with the "Deny" button highlighted by a red border; and "Modify User Work Space" with fields for Username and Password, and an "Update" button.

User Name
sysadmin

Password

Login

Logout

Welcome Admin!

Manage My Own Profile

User List Refresh List Search User

Username	Employee Name	Role	Password
sysadmin	sysadmin	System Admin	sysadmin
c	customerservice	Customer Service Rep	****
m	merchant	Merchant	****
p	procurement	Procurement Specialist	****
l	customsagent	Customs Liaison Officer	****
t	logistics	Logistics Coordinator	****
w	warehouse	Warehouse Manager	****
pay	FinTechManager	Payment Team	****
la	LogisticsAdmin	Logistics Enterprise Admin	****
ra	RetailAdmin	Retail Admin	****
wa	WarehouseAdmin	Warehouse Supplier Admin	****

Add User

Modify User

Delete User

Suspend Suspicious Activities

Payment ID	Shipment Info	Amount
PAY0003	ORD0003	\$29959.71

Accept Deny

Modify User Work Space

Username:

Password:

Update

FEATURE - ANTI-SCALPER + FRAUD PREVENTION

New App for NewTech Procurement

The screenshot displays a user management application interface. On the left, there is a sidebar with a login form containing fields for 'User Name' (sysadmin) and 'Password' (*****), and buttons for 'Login' and 'Logout'. The main area features a 'Welcome Admin!' message and a 'Manage My Own Profile' button. Below these, a 'User List' section includes a 'Refresh List' button and a search bar with a 'Search User' button. A table lists users with columns for 'Username', 'Employee Name', 'Role', and 'Password' (represented by ****). The table shows entries for sysadmin, customerservice, merchant, procurement, customsagent, logistics, warehouse, FinTechManager, LogisticsAdmin, RetailAdmin, and WarehouseAdmin. A modal window titled 'Success' is overlaid on the page, displaying the message 'Payment has been denied' with an information icon. The modal has buttons for 'Add User', 'Delete User', and 'OK'. In the background, there are other sections: 'Suspend Suspicious Activities' with a table for Payment ID, Shipment Info, and Amount, and 'Modify User Work Space' with fields for Username and Password and an 'Update' button. At the bottom, there are 'Accept' and 'Deny' buttons.

Username	Employee Name	Role	Password
sysadmin	sysadmin	System Admin	sysadmin
c	customerservice	Customer Service Rep	****
m	merchant	Merchant	****
p	procurement	Procurement Specialist	****
l	customsagent	Customs Liaison Officer	****
t	logistics	Logistics Coordinator	****
w	warehouse	Warehouse Manager	****
pay	FinTechManager	Payment Team	****
la	LogisticsAdmin	Logistics Enterprise Admin	****
ra	RetailAdmin	Retail Admin	****
wa	WarehouseAdmin	Warehouse Supplier Admin	****

FEATURE - ANTI-SCALPER + FRAUD PREVENTION

The screenshot shows a user interface for a payment center. On the left, there is a vertical sidebar with a dark blue background containing a login form with fields for User Name (pay) and Password (****), and buttons for Login and Logout. The main content area has a light gray background. At the top, it says "Welcome to Payment Center!". Below this is a table with the following data:

Payment ID	Order ID	Amount	Status	Date
PAY0002	ORD0002	\$1819.79	Pending	04/13/2025
PAY0003	ORD0003	\$29959.71	Denied	04/08/2025
PAY0004	ORD0004	\$1753.94	Pending	04/15/2025
PAY0005	ORD0005	\$38436.11	Pending	04/21/2025
PAY0006	ORD0006	\$8604.14	Completed	04/09/2025

Below the table are four buttons: Refund, Report Suspicious, View Detail.., and View Revenue. Further down, there are input fields for Payment ID, Single Item Price, Amount, and Subtotal.

Payment ID:

Single Item Price:

Amount:

Subtotal:

FEATURE - ANTI-SCALPER + FRAUD PREVENTION

New App for NewTech Procurement

The screenshot shows the 'Welcome to Payment Center!' interface. On the left, there is a sidebar with 'User Name' (pay) and 'Password' (****), a 'Login' button, and a 'Logout' button. The main area displays a table of payment transactions:

Payment ID	Order ID	Amount	Status	Date
PAY0002	ORD0002	\$1819.79	Pending	04/13/2025
PAY0003	ORD0003	\$29959.71	Denied	04/08/2025
PAY0004	ORD0004	\$1753.94	Pending	04/15/2025
PAY0005	ORD0005	\$38436.11	Pending	04/21/2025
PAY0006	ORD0006	\$8604.14	Completed	04/09/2025

A modal dialog titled 'Confirm Refund' asks, 'Are you sure you want to refund this payment?' with 'No' and 'Yes' buttons. Below the table, there are input fields for 'Payment ID', 'Single Item Price', 'Amount', and 'Subtotal'.

CONCLUSION



Cross-Departmental Workflow Integration

Seamless collaboration between logistics, customs, and warehouse departments



Real-Time Document Processing

Reduced customs declaration processing time by 65%

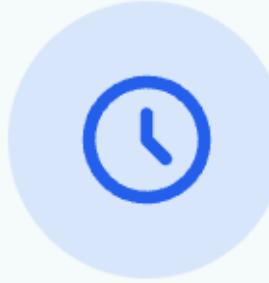


Unified Management Platform

Single system managing the entire process from warehousing to customs clearance



CONCLUSION



Processing Time

67% ↓

Declaration process
reduced from 3 days to 1
day



Document Error Rate

85% ↓

Significant reduction in
documentation errors



Tracking Accuracy

98.7%

Real-time system tracking
accuracy

JOB ASSIGNMENTS

Team Division of Labor

Name	Responsibilities
Siting Wang	<ul style="list-style-type: none">• Role modeling: <i>Merchant, Procurement Specialist, Customer Service Rep</i>• UI design and implementation for the above roles• UML diagrams for the above roles• Collaborated with Chenyan Zhu on <i>Warehouse Manager</i> (model + UI)• Final UI polish and visual consistency
Chenyan Zhu	<ul style="list-style-type: none">• Role modeling and UI: <i>Logistics Coordinator, Customs Agent</i>• UML diagrams for the above roles• Integrated Google Maps API for logistics route planning• Co-developed <i>Warehouse Manager</i> with Siting Wang• UI polish for logistics and customs interfaces• Project proposal with TA
Yusheng Shi	<ul style="list-style-type: none">• Brainstormed and crafted project proposal report• Role modeling and UI: <i>System Administrator, Payment Processor (Fintech)</i>• UML diagrams for the above roles• Developed a dynamic, auto-updating user account management system• Implemented anti-scalper and fraud prevention mechanisms• Refined the Java model for improved modularity and maintainability

**THANK
YOU**

