
Sharath Kumar Reddy Vulupala

CSCI 5448 Project : #shareMyStuff

Requirements:

1. User Requirements:

UR-003	User must be able to update his profile
--------	---

UR-009	Customer must be able to track the shipment status after the order
--------	--

UR-010	Customer should be able to upload stuff for sale and share into the application
--------	---

UR-014	Logistics user should be able to view and accept available pending shipments
--------	--

UR-015	Logistics user should be able to update shipment status
--------	---

Use Case Document(s):

Use Case ID	UC-001
Use Case Name	Register User
Description	A customer can register into the application by entering the customer details in registration form, admin and logistics users are added by super admin
Actors	Admin, Customer, Logistics User
Pre-Conditions	User must provide email id, and phone number to register into the system

Post-Conditions	User is registered into the application		
Frequency Of Use	Frequently		
Flow Of Events	#	Actor Action	System Response
	1	User selects Register me option in login page	System returns a Registration Form to the user
	2	User should enter all the details in registration form(FirstName, LastName, Email, PhoneNumber, Address) and hit submit button	System checks for basic validations and returns a success message on successful registration
	3	Super admin adds logistics user and other admins in to the system	System returns a success message on successful adding of user
Variations	Logistics users and admins can not register themselves into the application, logistics users and admins are added by the Super Admin		
Notes	Super admin has to change his password after his first login into the application		
Developer Notes			

Use Case ID	UC-002
Use Case Name	Update Profile
Description	User can update basic profile details after logging in to the application
Actors	Admin, Customer, Logistics User
Pre-Conditions	User must have his credentials registered into the system
Post-Conditions	User is logged in to the application

Frequency Of Use	Frequently		
Flow Of Events	#	Actor Action	System Response
	1	User will login into the application	System will display respective home screen to the user based on user role type
	2	User will click settings menu in the home page and select edit profile	System will return a view and edit page showing current user details
	3	User will update the information and hit save button	System will return a success message on successful updating
Variations			
Notes			

Use Case ID	UC-003		
Use Case Name	Add Product		
Description	Customer can add and upload stuff(efiles/inventory) into the application and can either sell or share with other users within the application		
Actors	Customer		
Pre-Conditions	Customer must be logged in to the application		
Post-Conditions	Customer can decide the price for the uploaded item and update its availability status		
Frequency Of Use	Frequently		
Flow Of Events	#	Actor Action	System Response

	1	Customer will login into the application	System will display the customer home screen
	2	Customer will click the setting menu and select Add Items option	System will display a form to enter the item details(Type, Description, Price, Availability, Quantity, Shipping options)
	3	Customer will enter the details and submit the form	System will display a success message and will display the uploaded item in for sale list
Variations			
Notes	Based on the item type(inventory type or e-file), system will provide the buyer the provision for shipping or download		
Developer Notes			

Use Case ID	UC-004		
Use Case Name	View Pending Shipments		
Description	Logistics user can view all available and pending shipments to be delivered for the day		
Actors	Logistics User		
Pre-Conditions	Logistics user must be logged in to the application		
Post-Conditions	Logistics user will add current day's shipments to Delivery Cart and will update shipment status		
Frequency Of Use	Once in a day		
Flow Of Events	#	Actor Action	System Response

	1	Logistics User will login into the application	System will display the Logistics home screen
	2	Logistics user will select the available orders from the list based upon the priority and move them to delivery cart	System will move the status of the selected products from pending delivery to in shipping status
	3	Logistics user will update the status of delivery of all the products in delivery cart for the day	System updates the status of delivery to the customers
Variations			
Notes	In case of failed delivery, logistics user will bring back the shipment to the warehouse and update it's status with reason for failure in delivery		
Developer Notes			

Use Case ID	UC-005
Use Case Name	Add Shipment to Delivery Cart
Description	Logistics User can select the delivery shipments to be shipped for the day and add shipments in to Delivery cart for the day
Actors	Logistics User
Pre-Conditions	Logistics user must be logged in to the application and should have pending shipments in the application
Post-Conditions	Logistics user will either go with the delivery cart items for shipping or can remove items from the delivery cart
Frequency Of Use	Once in a day

Flow Of Events	#	Actor Action	System Response
	1	Logistics User will login into the application	System will display the Logistics home screen
	2	Logistics user will select the available orders from the list based upon the priority and add them to delivery cart	System will move the status of the selected products from pending delivery to in shipping status
	3	Logistics user will update the status of delivery of all the products in delivery cart for the day	System updates the status of delivery to the customers
Variations			
Notes	Logistics user can remove the shipments from the delivery cart and move them back to pending status		
Developer Notes			

Use Case ID	UC-006
Use Case Name	Remove Shipment from Delivery Cart
Description	Logistics user can remove a shipment from his delivery cart if in case of failed delivery or any other reason and moves the shipment status to pending
Actors	Logistics User
Pre-Conditions	Logistics user must be logged in to the application and should have shipments in the delivery cart
Post-Conditions	Shipment will be removed from the current day's delivery cart and will be available in pending shipments list

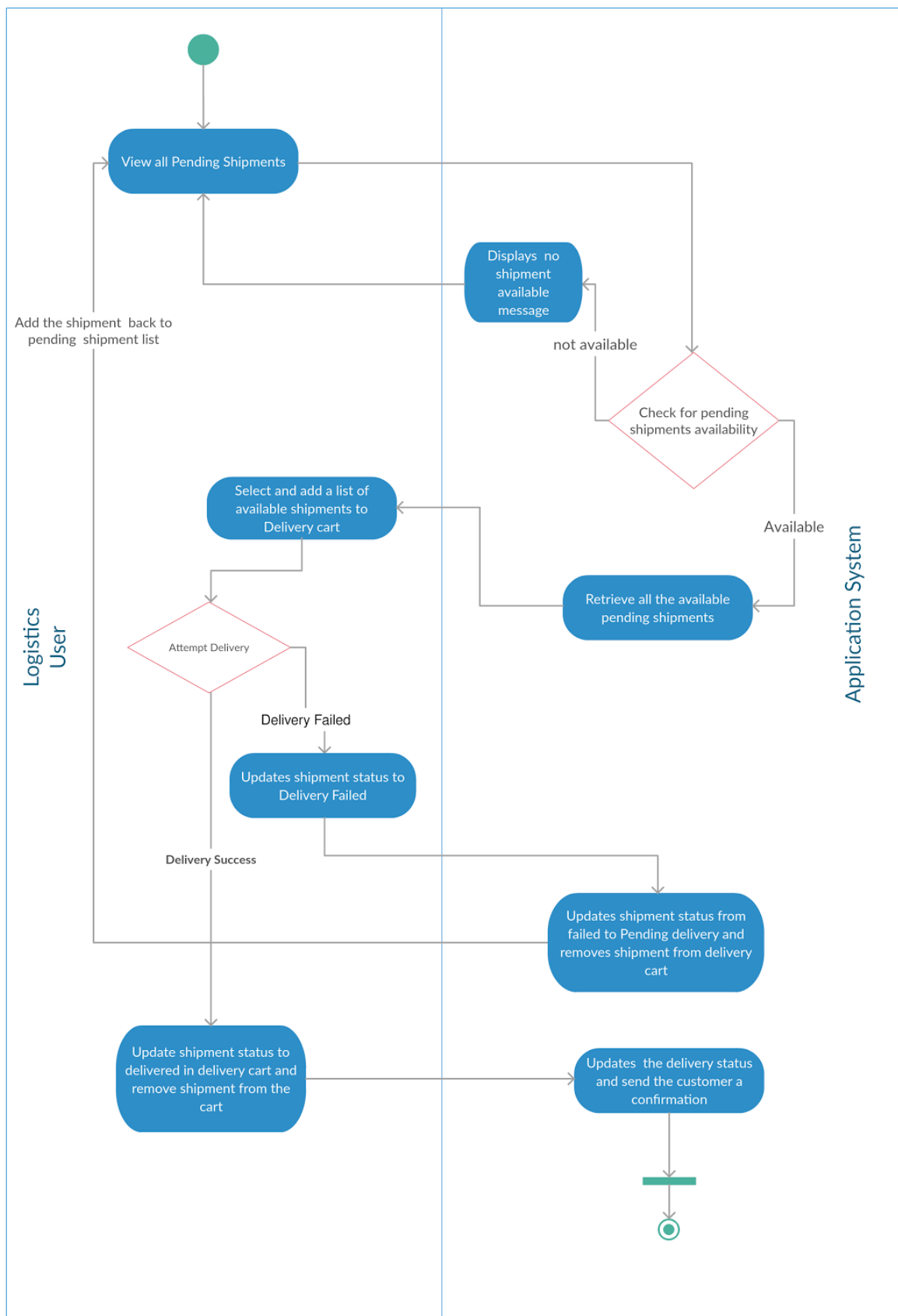
Frequency Of Use	Few times a week		
Flow Of Events	#	Actor Action	System Response
	1	Logistics User will login into the application	System will display the Logistics home screen
	2	Logistics user will select the available orders from the list based upon the priority and add them to delivery cart	System will move the status of the selected products from pending delivery to in shipping status
	3	Logistics user will remove selected items from the delivery cart and update the reason and status	System updates the status of shipment and makes the shipment available for the next day delivery
Variations			
Notes	After removing a shipment the status of the shipment will be updated and the shipment will be available in the logistics user's pending shipment list the next day for delivery		
Developer Notes			

Use Case ID	UC-007
Use Case Name	Update Shipping Status
Description	Customer can add and upload stuff(efiles/inventory) into the application and can either sell or share with other users within the application
Actors	Logistics User
Pre-Conditions	Shipment must be available either in pending shipments list or in delivery cart

Post-Conditions	Shipment status will be updated from pending to either delivered or failed(with valid reason)		
Frequency Of Use	Frequently		
Flow Of Events	#	Actor Action	System Response
	1	Logistics User will login into the application	System will display the Logistics home screen
	2	Logistics user will select the available orders from the list based upon the priority and move them to delivery cart	System will move the status of the selected products from pending delivery to in shipping status
	3	Logistics user will update the status of delivery of all the products in delivery cart for the day	System updates the status of delivery to the customers
Variations			
Notes	For a failed delivery the customer gets notified with the reason and the shipment will be made available for the next business day delivery and appropriate status will be updated into the system		
Developer Notes			

Activity Diagram:

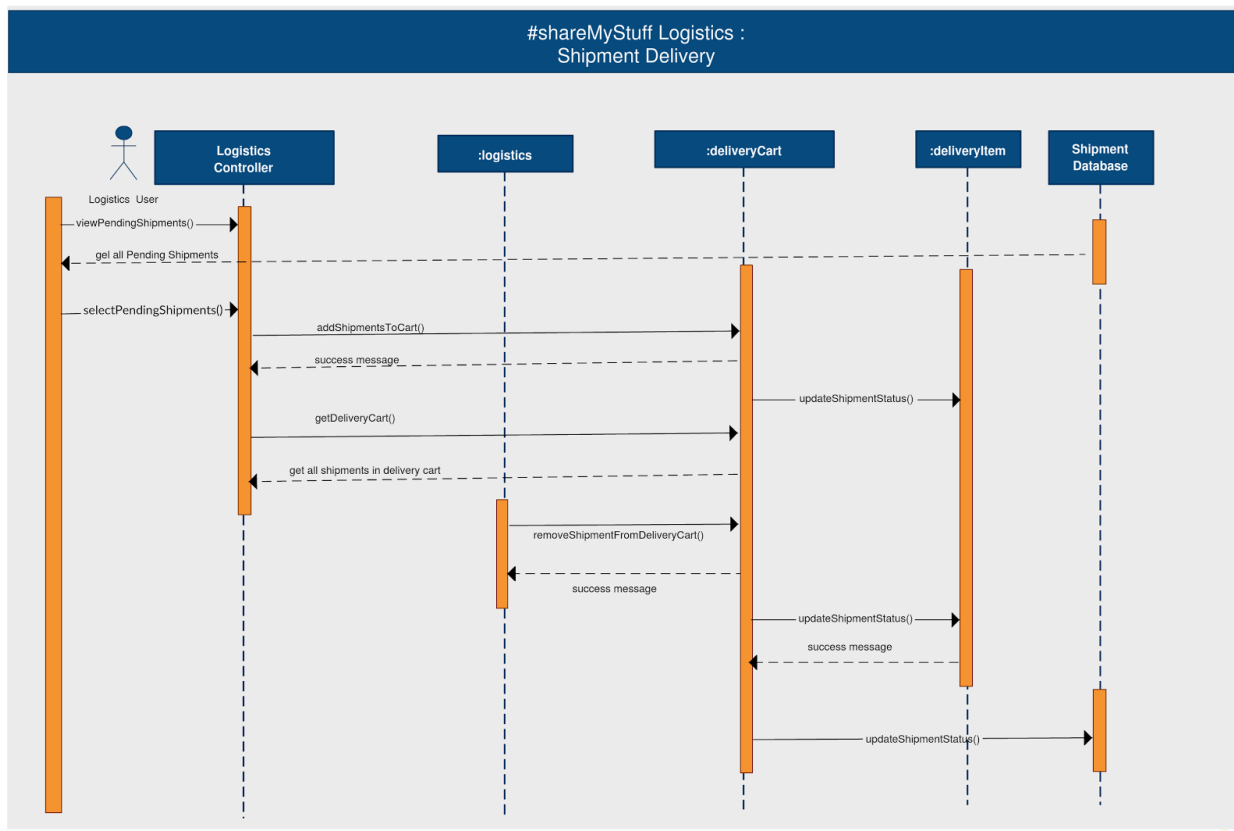
- Requirement ID:** UR#001, UR#014, UR#015
- Use Case ID:** UC#005, UC#007
- Use Case Name:** Logistics Shipment Delivery
- Use Case Description:** The logistics user will deliver a shipment and update the status of the shipment.
- Implementor:** Sharath Kumar Reddy Vulupala



Logistics : Shipment Delivery
Activity Diagram

Sequence Diagram

1. **Requirement ID:** UR#001, UR#014, UR#015
2. **Use Case ID:** UC#005, UC#007
3. **Use Case Name:** Logistics Shipment Delivery
4. **Use Case Description:** The logistics user will deliver a shipment and update the status of the shipment.
5. **Implementor:** Sharath Kumar Reddy Vulupala



Sequence Diagram high resolution link :

https://github.com/SKRIVulupala/CSCI5448/blob/master/Sharath_SequenceDiagram.png