



CSCI 5448 : Project Part 2

Team (#ShareMyStuff)

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Project Summary:

#ShareMyStuff is a web application that provides an online platform for campus students to share and trade stuff like notes, art, knowledge and inventory. Here users can upload and share their electronic docs/notes/research findings/papers for free and there is a provision for buying and selling stuff like artwork and inventory(Eg : Microprocessor boards, development kits, drafters, clickers, textbooks etc..) with other users within the platform.

Project Requirements:

1. User Requirements

USER REQUIREMENTS				
ID	Requirement	Topic Area	Actor	Priority
UR-001	Users must be able to login in to the application using credentials	Authentication	All	Low
UR-002	New users must be able to register into the application using Email, Password, Phone Number and Address	Authentication	Customer	High
UR-003	User must be able to update his profile and his details	Profile Settings	All	Medium
UR-004	Customer should be able to view all the products available for sale or free sharing in the application	Purchase	Customer	High
UR-005	Customer should be able to view and save products for later use.	Purchase	Customer	High
UR-006	Customer should be able checkout items in shopping cart to request for a door delivery of the shipment through credit card payments.	Purchase	Customer	Medium
UR-007	Customer should be able to flag or report a product.	Purchase	Customer	Medium

UR-008	Customer should be able to view one's purchase history	Purchase History	Customer	High
UR-009	Customer must be able to track the shipment after the order	Logistics	Customer, Logistics	Medium
UR-010	Customer should be able to upload stuff for sale and share into the application	Sale	Customer	High
UR-011	Customer must be able to add details to the stuff while uploading into the application	Sale	Customer	High
UR-012	Admin should be able to add and edit all types of users into the application	Authorization	Admin	High
UR-013	Admin should be able examine and decide on flagged or reported items.	Authorization	Admin	Medium
UR-014	Logistics user should be able to view and accept all available and pending shipments for the day	Logistics	Logistics user	High
UR-015	Logistics user should be able to update shipment status	Logistics	Customer, Logistics	Medium
UR-016	All users should be able to logout from the application	Authentication	All	High

2. Non- Functional Requirements

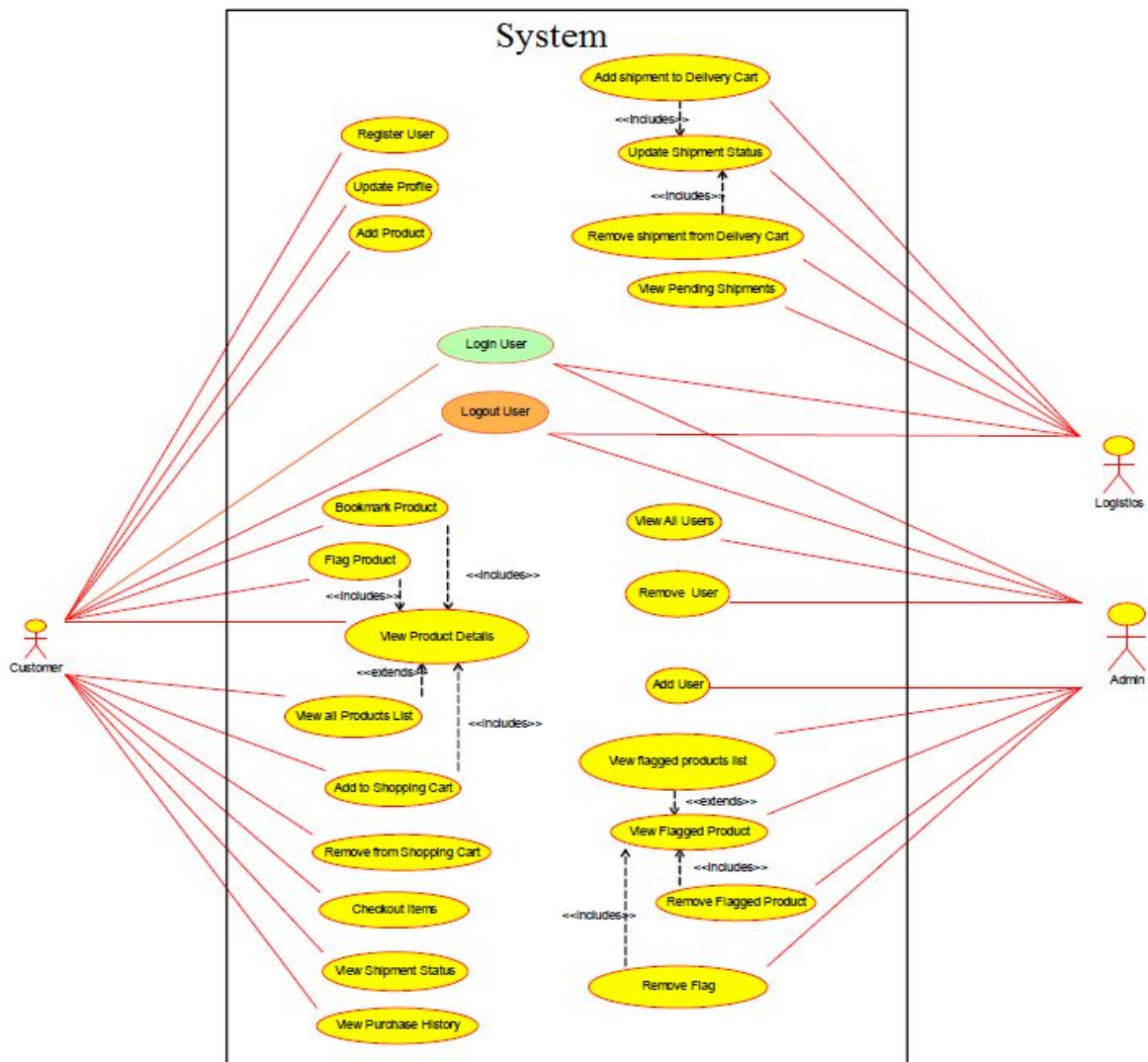
NON - FUNCTIONAL				
ID	Requirement	Topic Area	Actor	Priority
NFR-001	All uses should be able to access the application only after successful login authentication	Authentication	All	High
NFR-002	All the product related data entered by the customer must be reliable	Sale	Customer	Low
NFR-003	Application functionality should behave same across all the web browsers	Operation	All	Medium

NFR-004	All the user data, inventory data and payment details must be stored in a secure manner	Data	All	High
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3. This project doesn't have any business requirements.

Use Cases:

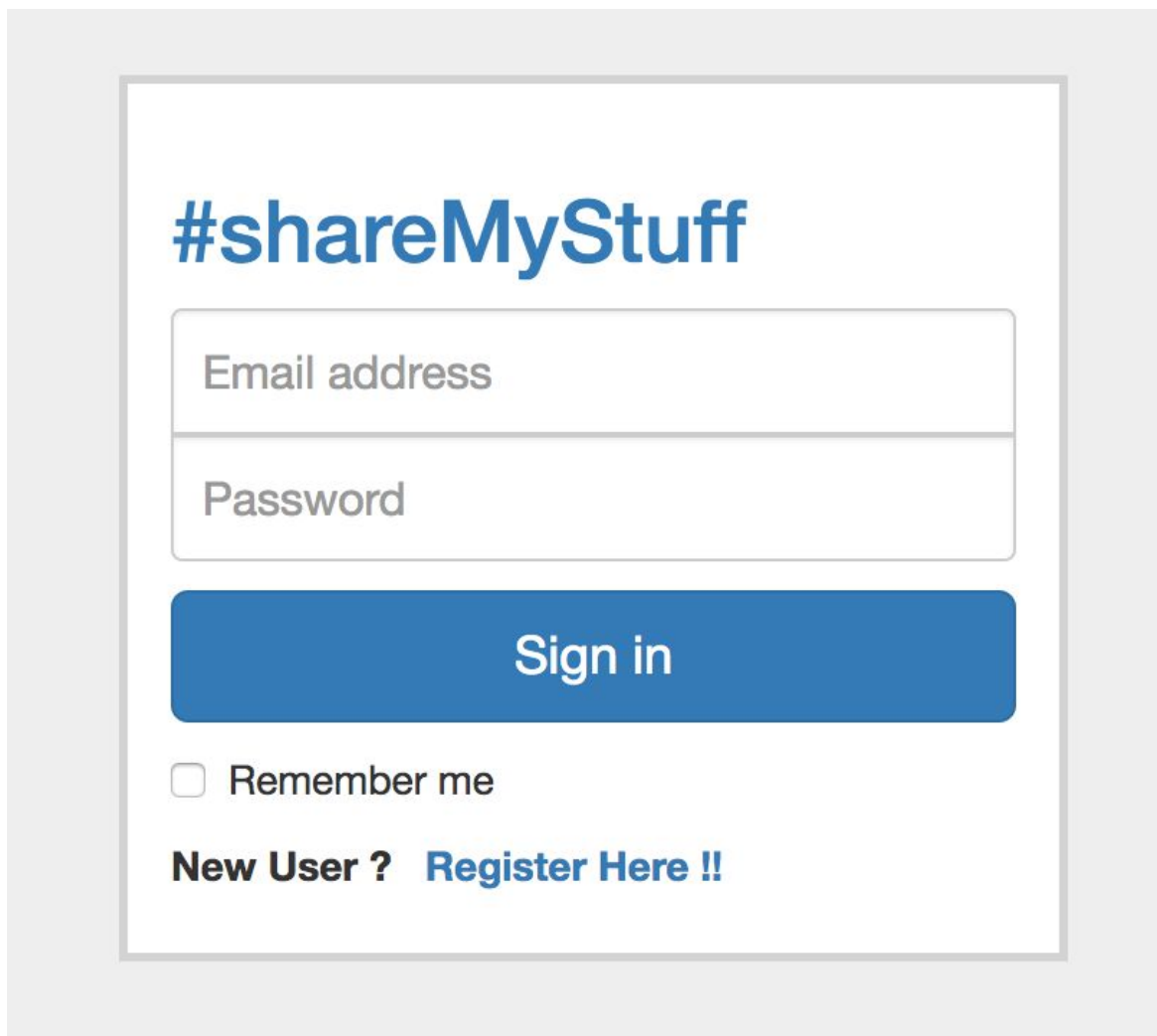
- Use Case Overview : #ShareMyStuff
- Actors Involved : Admin, Customer, Logistics
- Software Used: Umbrello



Use Case Diagram

UI Mockups:

1. Login Page



The mockup shows a login page for a service called "#shareMyStuff". It features a title, two input fields for email and password, a "Sign in" button, a "Remember me" checkbox, and a link for new users to register.

#shareMyStuff

Email address

Password

Sign in

☐ Remember me

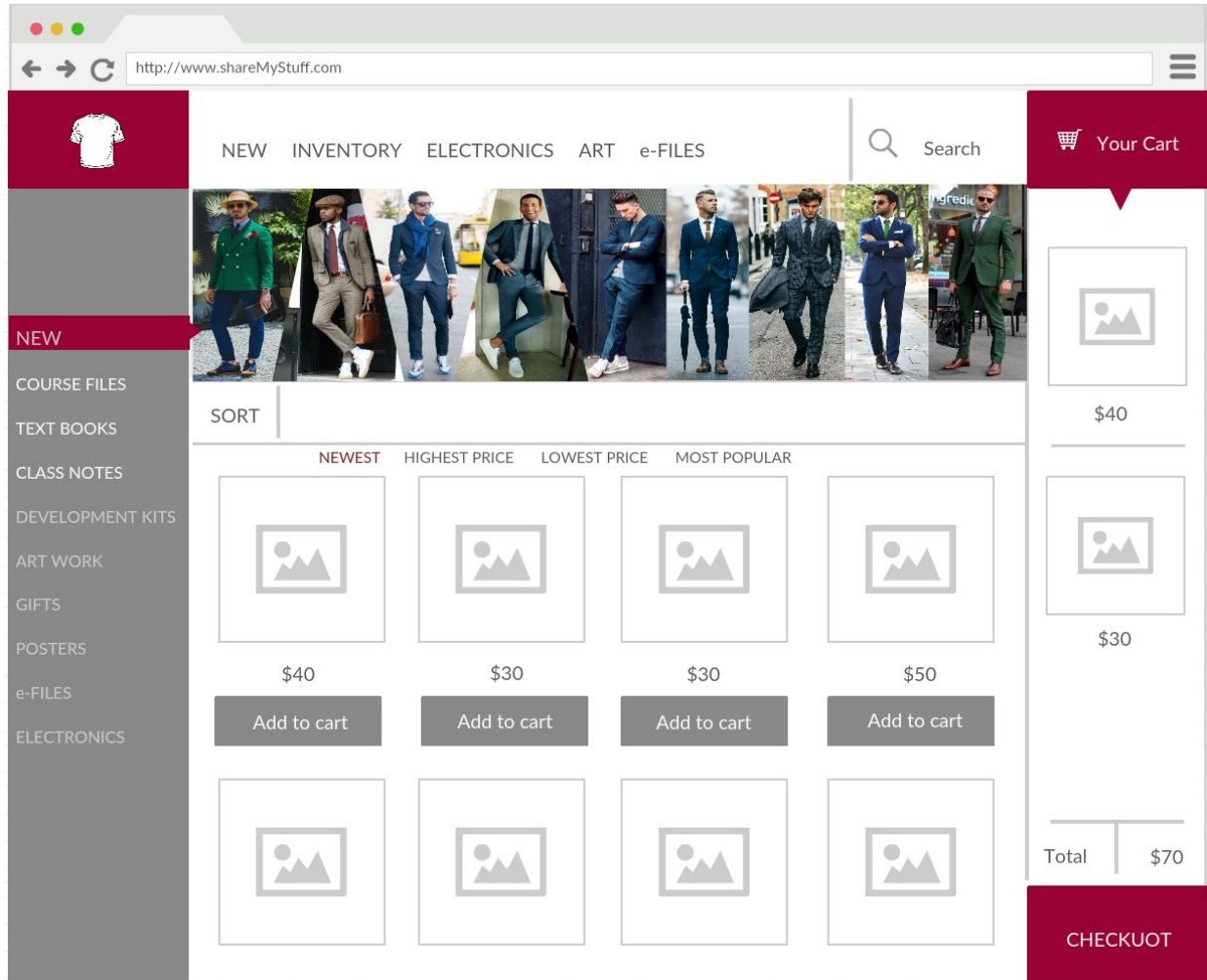
New User ? [Register Here !!](#)

2. Registration Form:

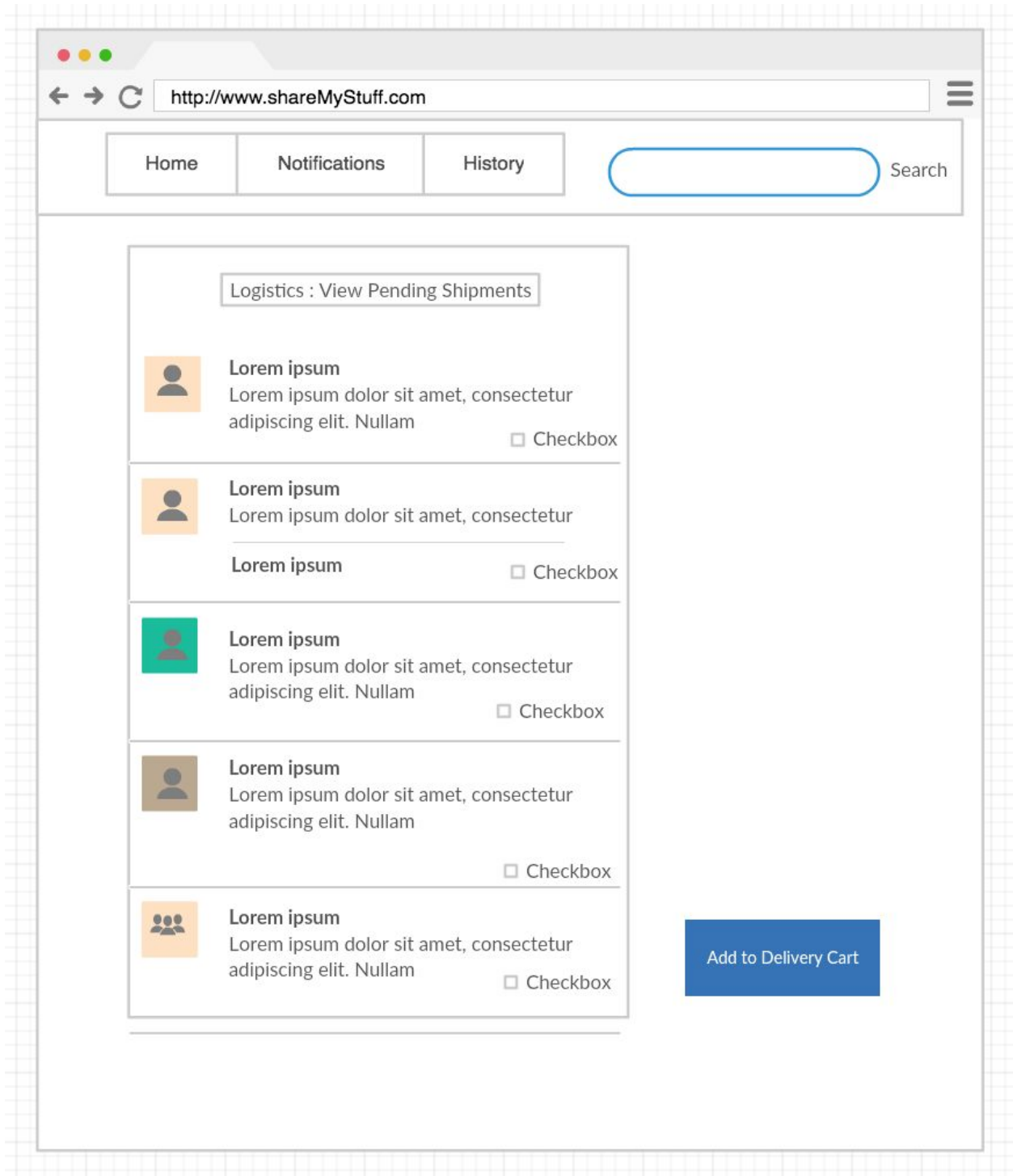
#shareMyStuff Registration

First name	<input type="text" value="first name"/>
Last name	<input type="text" value="last name"/>
Email	<input type="text" value="email"/>
Password	<input type="password" value="password"/>
Address 1	<input type="text"/>
Address 2	<input type="text"/>
City	<input type="text" value="city"/>
Zip Code	<input type="text" value="Zip Code"/>
Country	<input type="text" value="Country"/>
Phone Number	<input type="text" value="Phone#"/>

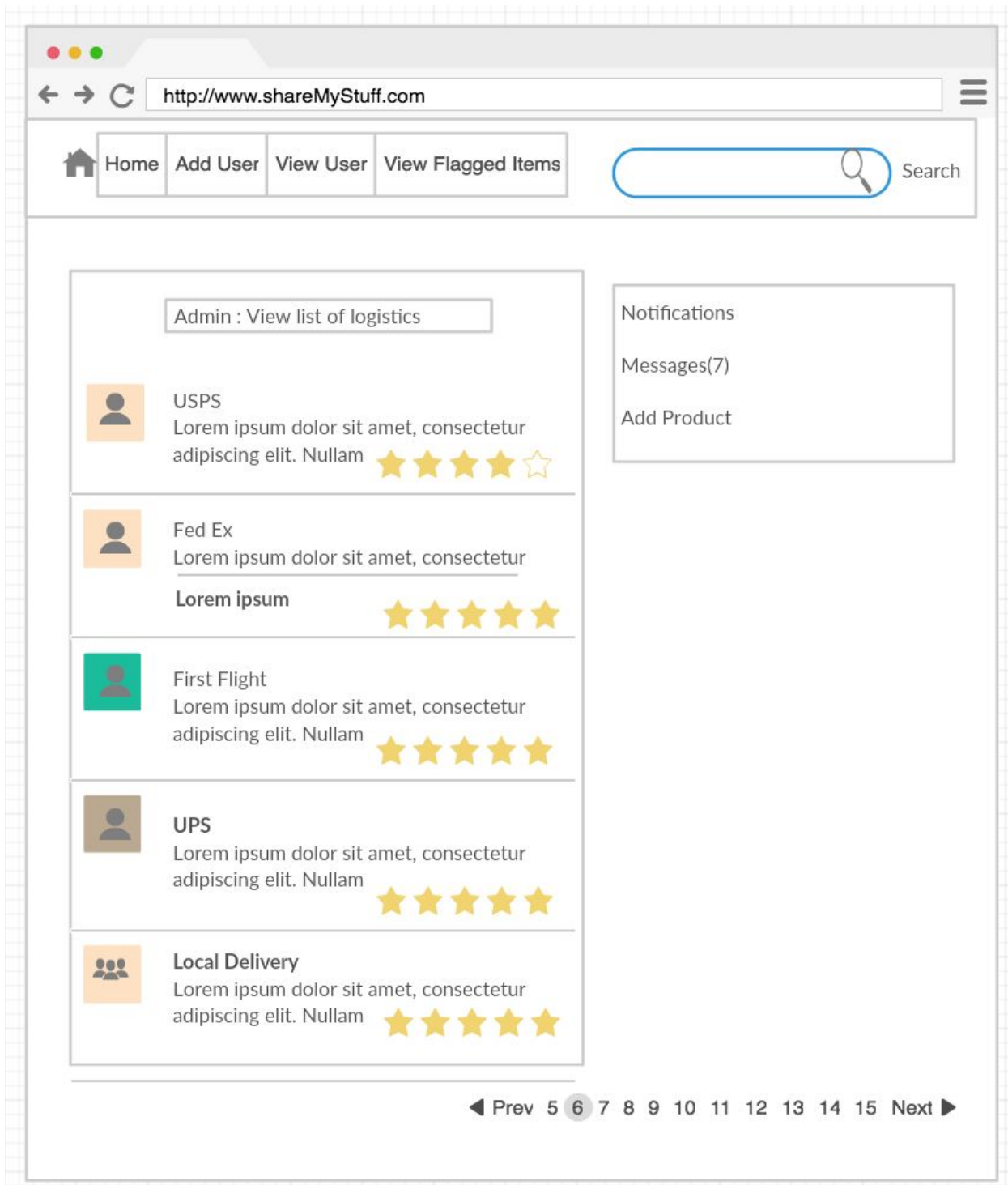
3. Customer Dashboard (sample view)



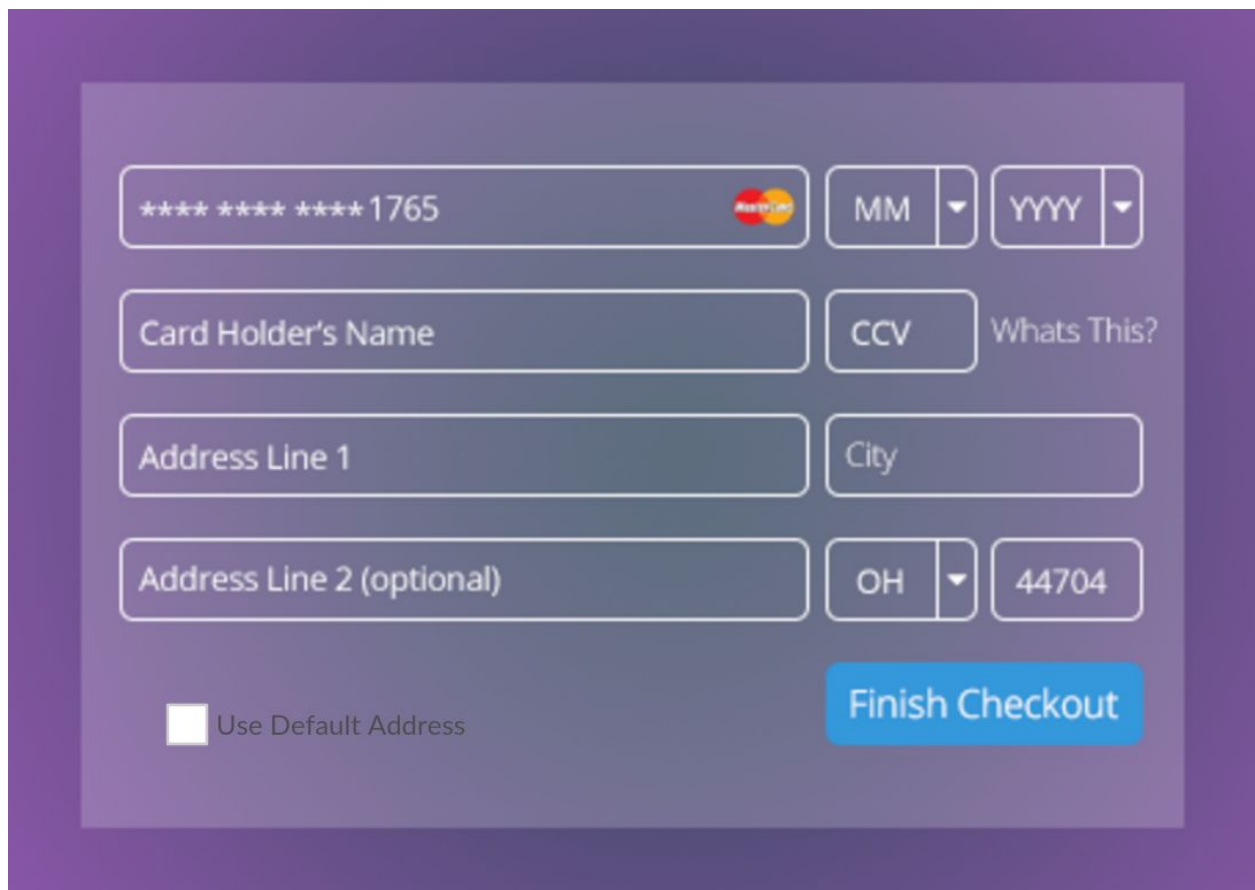
4. Logistics (View Pending Shipments view sample):




5. Admin dashboard(sample UI view):



6. Checkout and Payment(Sample UI):



A sample user interface for a checkout and payment form, set against a dark purple background. The form is contained within a lighter purple rounded rectangle. It features several input fields and buttons. At the top, there's a card number field with a placeholder '**** * 1765' and a Mastercard logo. Next to it are dropdown menus for the month (MM) and year (YYYY). Below the card number is a field for the 'Card Holder's Name'. To its right is a 'CCV' field with a link 'Whats This?'. The address section includes 'Address Line 1', a 'City' field, and an 'Address Line 2 (optional)' field. To the right of the optional address field are dropdowns for the state (OH) and the zip code (44704). At the bottom left, there is a checkbox labeled 'Use Default Address'. A prominent blue button labeled 'Finish Checkout' is located at the bottom right of the form.

**** * 1765		MM ▼	YYYY ▼
Card Holder's Name	CCV	Whats This?	
Address Line 1	City		
Address Line 2 (optional)	OH ▼	44704	
<input type="checkbox"/> Use Default Address	Finish Checkout		

Class Diagram:

