

Scenario 3:

You are designing software to help a shopkeeper proactively manage the vendors they interact with regularly, their addresses, phone numbers, and representatives, and keep notes on their interaction dates and responsiveness. Use our object-oriented techniques to model this software.

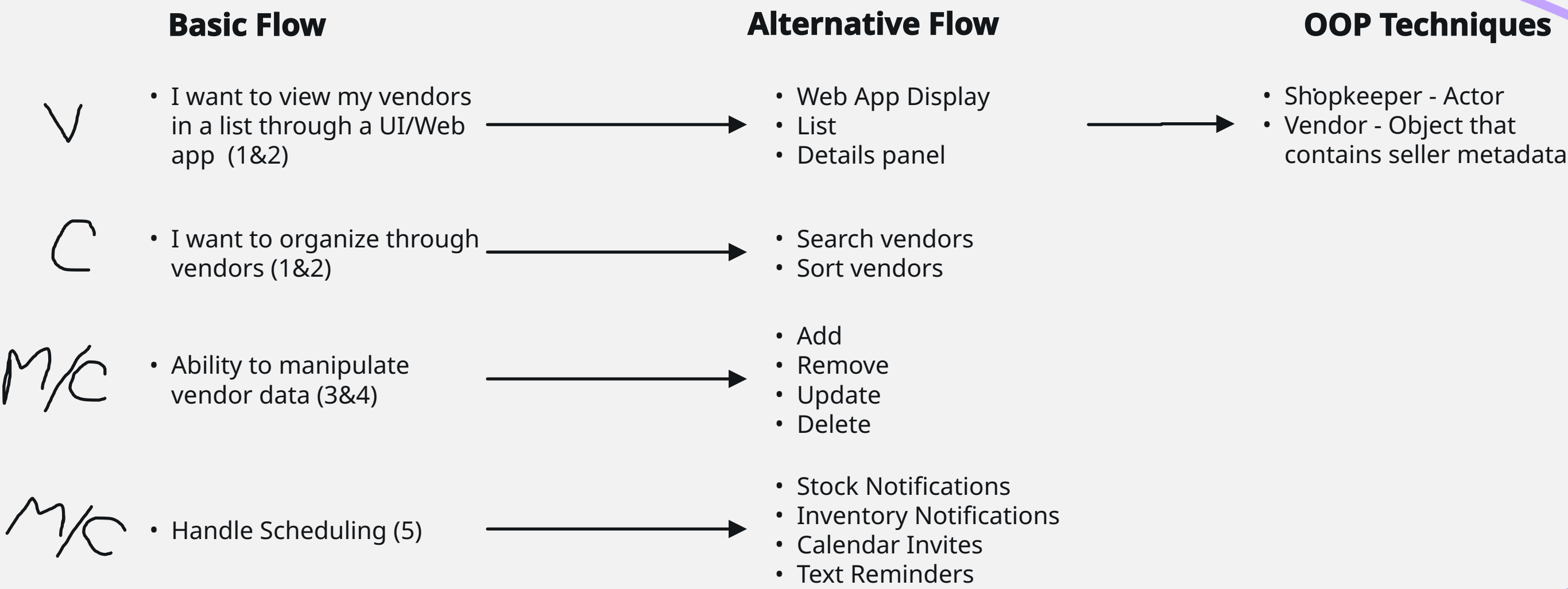
Complete Brainstorming--
yay!!

Write our own write ups

Identify at least four interactions for your selected scenario. Note that your team is creating a use case only, not a use case diagram.

- 1. Be able to sort/search vendors by metadata
- 2. When you select vendor, it displays metadata
- 3. Able to log/record the data from the vendor
 - a. Also add the capability for personal notes, just a simple note section
 - b. Performance
 - c. Inactive/active
- 4. Add/Remove vendors
- 5. Handle scheduling and notifications
 - a. Calendar invites
 - b. Stock/inventory notifications (if the vendor updates their requirements)
 - c. Setup automated text reminders for vendor and shopkeep for invites

Diagram (Kind of)



Second: (separate)

- After your team has developed its use case, discuss the following questions in a brief write-up (200-300 words). Consider the following:
- Software developers often do not employ use cases in their development work. Should companies invest in developing use cases? Why or why not?
 - What did you find difficult or easy about this activity?
 - What strategies helped?

Basic->Alternative Flows

	I want to view my vendors in a list through a UI/Web app (1&2)			I want to organize through vendors (1&2)		Ability to manipulate vendor data (3&4)				Handle Scheduling (5)			
Alternative Flow	Web App Display	List	Details Panel	Search Vendors	Sort Vendors	Add	Remove	Update	Delete	Stock Notifications	Inventory Notifications	Calendar Invites	Text Reminders

Use Case Overview

Use Case	Actor	Basic Flow	Alternative Flow	OOP Techniques
I want to view my vendors in a list through a UI/Web app	Shopkeeper	I login to the website. I navigate to the Vendor page.	I login to the website. I navigate to the Vendor page. I can select a Vendor to view their details	Vendor Object. Contains all metadata, can contain other smaller objects such as representatives
Selector Vendor, and have it display metadata	Shopkeeper	When I click a vendor on the website, I would like all the metadata to be associated with that vendor to be displayed.	I login to the website. I navigate to the Vendor page. I sort alphabetically by metadata fields	Vendor object that will contain all the appropriate metadata and representatives.
Able to log/record data from the vendor	Shopkeeper	I would like to record data from the vendor in notes during interactions.	I login to the website. I navigate to the Vendor page. I have the ability to update notes for the vendor somewhere in the UI.	Vendor Object containing data/ notes
Add./Remove Vendors	Shopkeeper	I want to the ability to add or remove vendors on my website.	This should be either to add, update, or delete a vendor.	Vendor class will have methods associated to adding, update or removing vendors.
Handle Scheduling and Notifications	Shopkeeper	I want to be able to set notifications based on inventory levels. When a vendor hits a certain amount of inventory I will be notified.	I can set this reminder to notify me additionally by email and/or phone.	Vendors contain Inventory. Many different objects can extend Inventory (polymorphism).