



Minima

B A S I C S

OUTLINE

Company
Background

Current
System

Proposed
System

1

2

3

4

5

Fact-Finding

PIECES
Analysis

COMPANY BACKGROUND

COMPANY BACKGROUND



- Ecommerce
- Joanne Ly JMSB alumni
- Company goals
- Reason of company creation
- The idea behind this company



A light pink rectangular block is positioned behind the text, extending from the left edge of the text to the right edge of the frame.

FACT-FINDING

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FACT-FINDING

01 INTERVIEWS

03 OBSERVATION

02 USER JOURNEY

04 DOCUMENTS
COLLECTED

INTERVIEWS



- Establish a relationship with client
- Gather information about the business
- Get feedback from the client

USER JOURNEY

- Find any inefficiencies
- Typical customer journey
- Help understand some functions
- Identify new problems



OBSERVATION



- View on the step by step processes
- Ask relevant questions to find symptoms
- Live view of the system

DOCUMENTS COLLECTED

- System's foundation around shopify
- Better understanding of how the data is flowing between the system
- Visualize how the system works



CURRENT SYSTEM

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CURRENT SUBSYSTEMS

1

Subsystem 1 -
Generate Sale

2

Subsystem 2 -
Process Payment

3

Subsystem 3 -
Fulfill Order

SUBSYSTEM 1

GENERATE SALE






**Favorite
internet
browser**

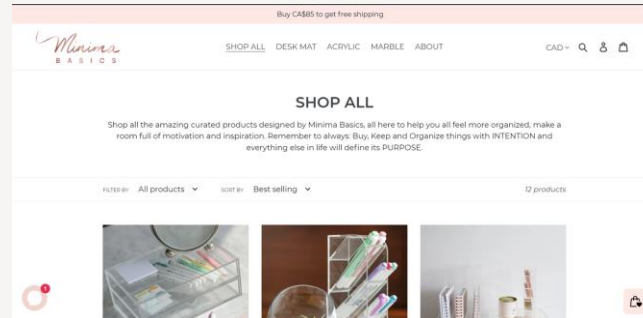
Shopping Cart



Updated Shopping Cart

Your cart			
Continue shopping			
Product	Price	Quantity	Total
 Waterproof PU Leather Mouse Pad Mat Color: Pink & Silver Remove	\$35.00	<input type="text" value="1"/>	\$35.00
 Trio essential acrylic desk organizers Remove	\$95.00	<input type="text" value="1"/>	\$95.00
 Acrylic slanted pen shelf organizer Remove	\$28.00	<input type="text" value="1"/>	\$28.00

Browse items



<https://minimabasics.ca/>

Contact information

Already have an account? [Log in](#)

Email
BobWasHere@gmail.com

☒ Sign up for exclusive offers and updates via text and email.

Shipping address

First name
Bob

Last name
Bob

Company (optional)

Address
1450 Rue Guy

Apartment, suite, etc. (optional)
MB 12-101

City
Montréal

Country/region
Canada




Province
Quebec

Postal code
H3H 1J5

Phone number for updates and exclusive offers.
(514) 123-4567

[Continue to shipping](#)

[Return to cart](#)

	1 Waterproof PU Leather Mouse Pad Mat Pink & Silver	\$35.00
	1 Trio essential acrylic desk organizers	\$95.00
	1 Acrylic slanted pen shelf organizer	\$28.00
<input type="text" value="Gift card or discount code"/>		<input type="button" value="Apply"/>
Subtotal		\$158.00
Shipping ⓘ		Calculated at next step
Taxes (estimated)		\$23.66
Total		CAD \$181.66

Shipping method

<input type="radio"/> Free Shipping	Free
<input checked="" type="radio"/> UPS Standard 1 to 2 business days	\$10.17

Create PO



Create Invoice







SUBSYSTEM 2

PROCESS PAYMENT

Payment


All transactions are secure and encrypted.

☒ Credit card

 and more...

Card number

1234567876543210



Name on card


Bob Bob


Expiration date (MM / YY)


02 / 22

Security code


123



☐ 

☐  4 interest-free payments

☐ Afterpay




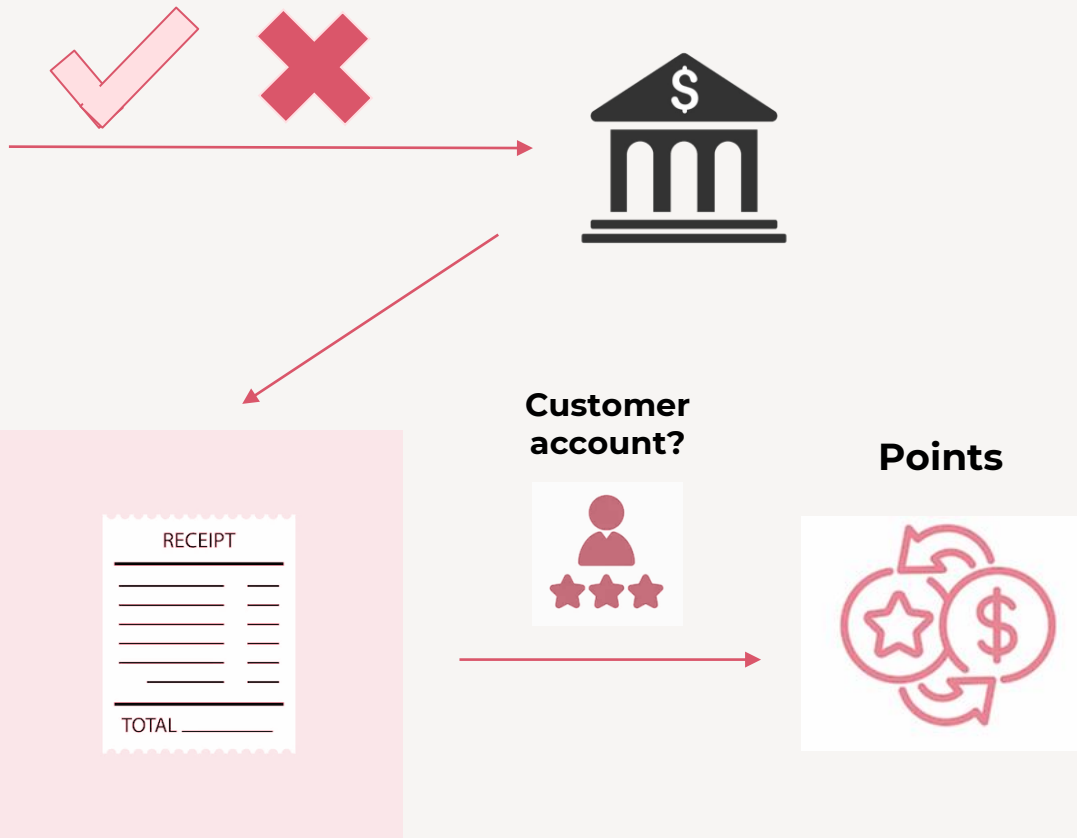
Remember me

☒ Save my information for a faster checkout

Mobile phone number

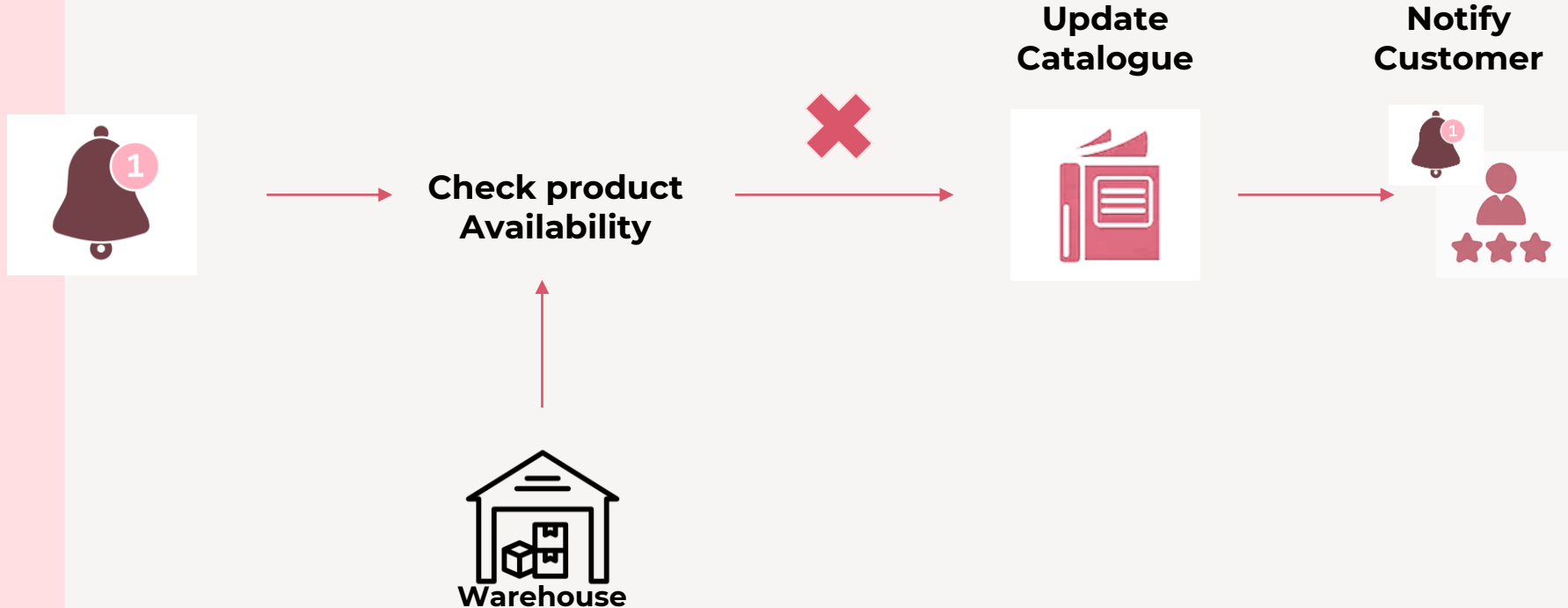
+1 514-123-4567





SUBSYSTEM 3

FULFILL ORDER part 1



SUBSYSTEM 3

FULFILL ORDER part 2



Check product
Availability

Pick and Pack



Packing Slip



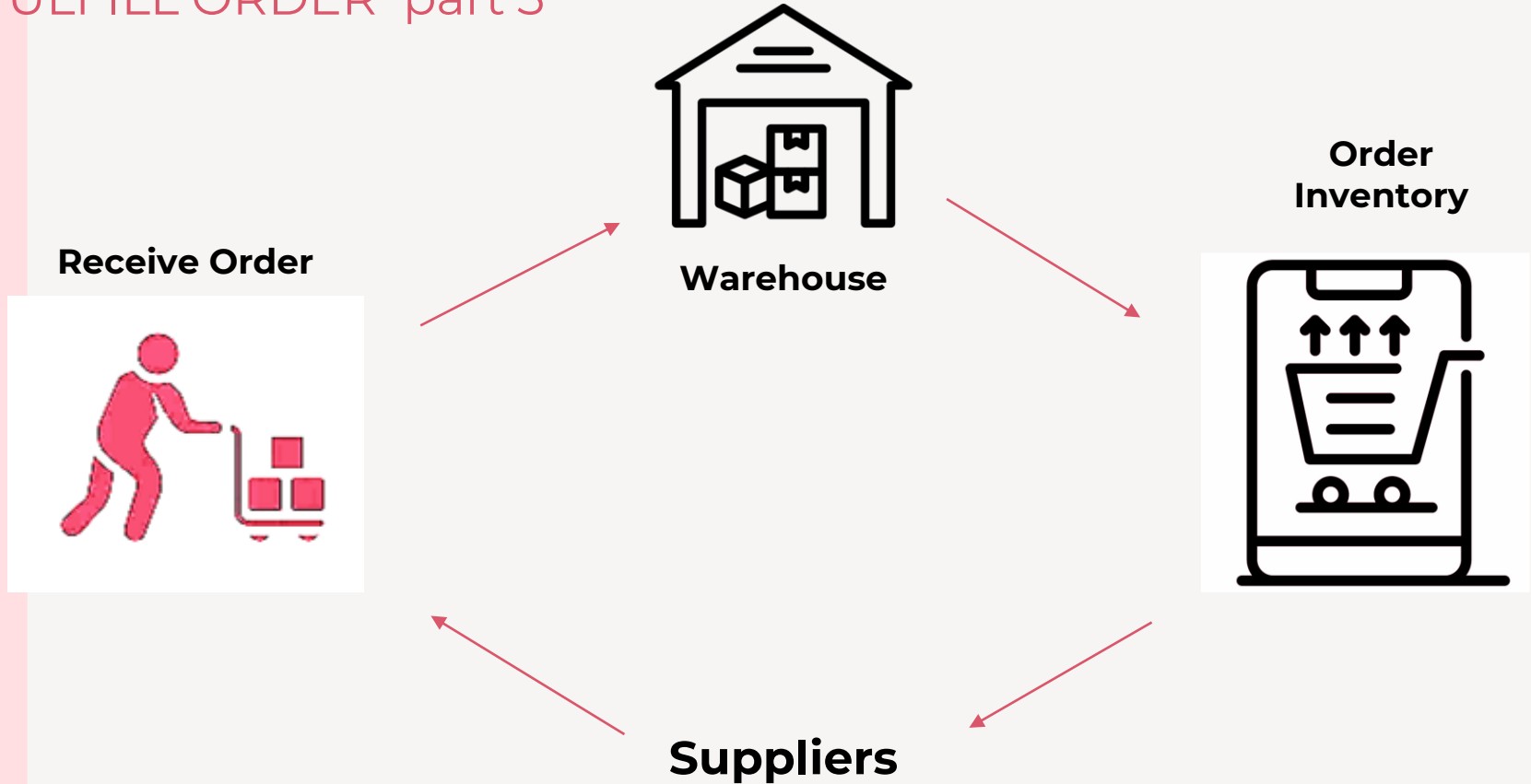
Shipping
Carrier



*Thank
You!*

SUBSYSTEM 3

FULFILL ORDER part 3



A solid pink horizontal bar spanning the width of the page, positioned behind the word 'PIECES'.

PIECES

PIECES ANALYSIS

Symptoms/Problems

Inventory problems

- Inventory is not tracked
- Giveaway products are not tracked
- Items stock out regularly
- Out-of-stock products can be ordered on the website

Manual processes

- Manually update catalogue on the website
- Manually notify customers who purchased a sold-out product

Conservation issue

- Guest details are only store for conservation purpose

P	I	E	C	E	S
	X	X			
	X	X			
	X	X			
X	X				
X				X	
X	X			X	
X	X				



PIECES ANALYSIS con't

PROBLEM CODE

DESCRIPTION

A

Inadequate response time

B

Lack of relevant information

C

Data not captured in time to be useful

D

Finances are unknown

E

Effort required for task is excessive

F

Not a standardized process

PIECES ANALYSIS con't

Symptoms/Problems

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A	B	C	D	E	F
	X		X		X
	X		X		X
	X	X			
X	X	X			
X		X		X	
X		X		X	
	X	X			

USER REQUIREMENTS



NON- FUNCTIONAL REQUIREMENTS

USABILITY

Customers can easily browse and find products for them.

SECURITY

keep the customer's sensitive data confidentiality.

PERFORMANCE

company's goals is to increase its website traffic.

MAINTAINABILITY

Any new features to the system should consider a reasonably low operational cost

FUNCTIONAL REQUIREMENTS

MOBILE FRIENDLY

all the features that works well on a desktop need to work on a mobile smartphone as well

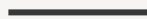
RELEVANT & ACCURATE DATA

The new proposed system should consider the importance of gathering relevant and accurate data.

3RD-PARTY INTEGRATION FRIENDLY

any modification or new features to the system will need to be third-party integration friendly.

PROPOSED SYSTEM



PROPOSED SYSTEM

1

Subsystem 1 -
Generate Sale

2

Subsystem 2 -
Process Payment

3

Subsystem 3 -
Fulfill Order

SUBSYSTEM 1 PIECES

UNDERLYING PROBLEM

CURRENT SUBSYSTEM

PROPOSED SUBSYSTEM

A

Inadequate
response time

P1.1, D1

P1.1, D1

B

Lack of relevant
information

P1.1, D1

P1.1, D1

C

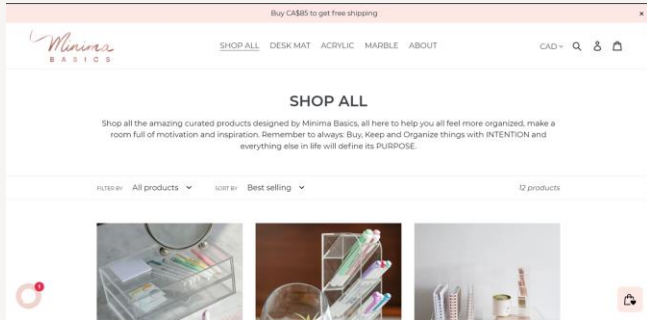
Data not captured
in time to be useful

P1.1, D1

P1.1, D1

SUBSYSTEM 1 CURRENT SYSTEM




Browse items



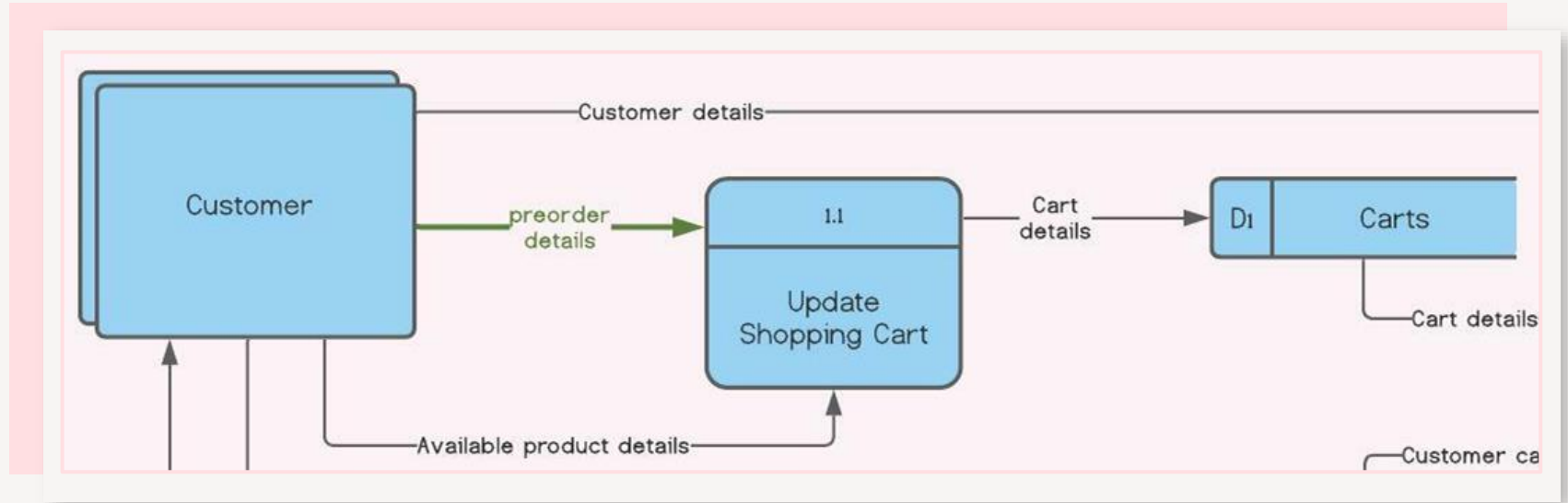
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SUBSYSTEM 1 PROPOSED SYSTEM



SUBSYSTEM 3 PIECES

UNDERLYING PROBLEM

CURRENT SUBSYSTEM

PROPOSED SUBSYSTEM

A

Inadequate response time

P3.2, P3.3, P3.4

P3.2, P3.3, P3.4

C

Data not captured in time to be useful

P3.2, P3.3, P3.4

P3.2, P3.3, P3.4

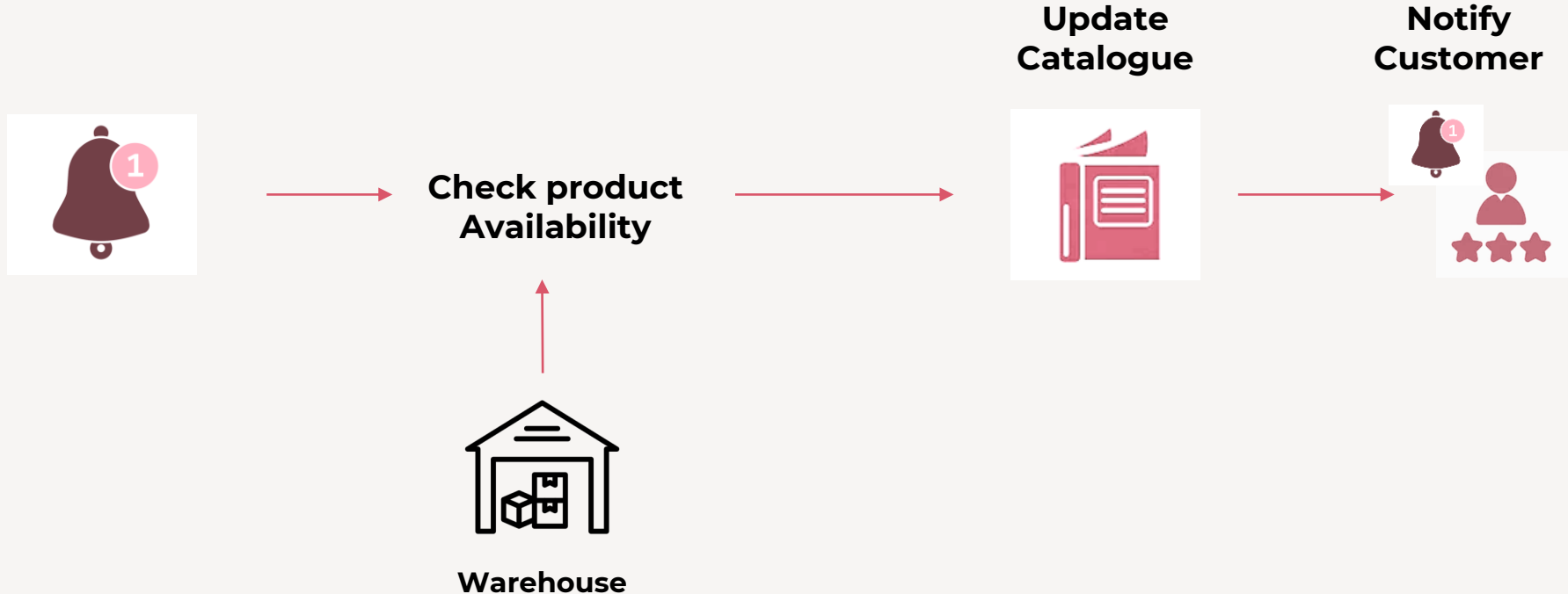
E

Effort required for task is excessive

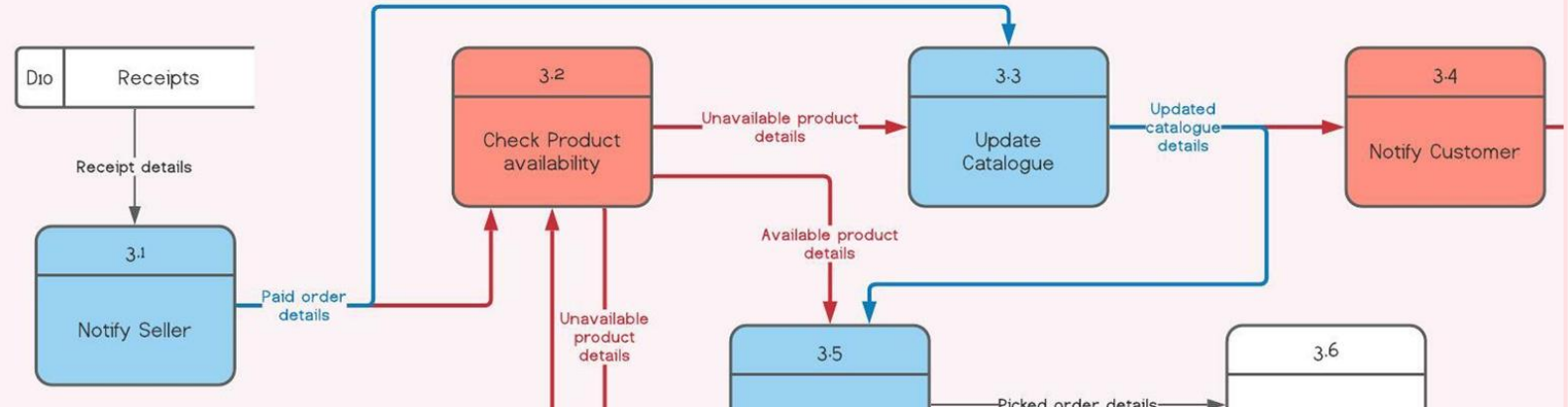
P3.2, P3.3, P3.4

P3.2, P3.3, P3.4

SUBSYSTEM 3 CURRENT SYSTEM



SUBSYSTEM 3 PROPOSED SYSTEM



SUBSYSTEM 3 PIECES

UNDERLYING PROBLEM

B

Lack of relevant information

F

Not a standardized process

CURRENT SUBSYSTEM

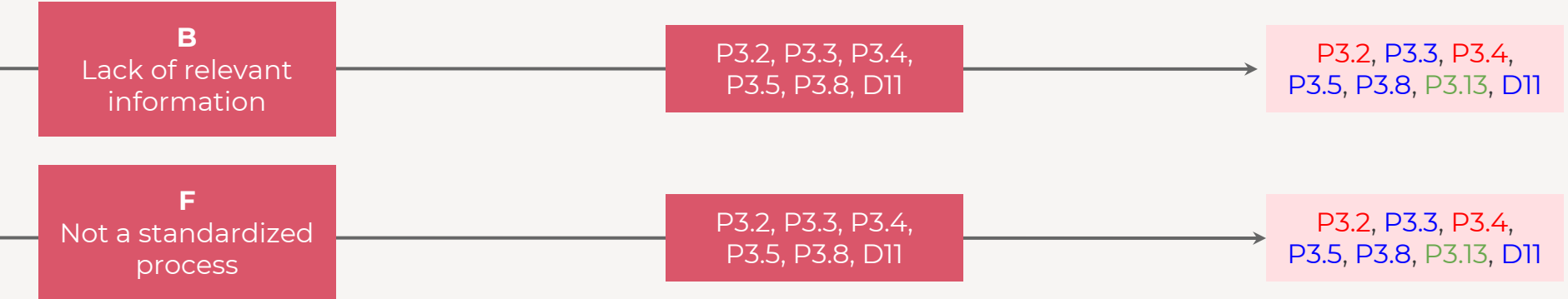
P3.2, P3.3, P3.4,
P3.5, P3.8, D11

P3.2, P3.3, P3.4,
P3.5, P3.8, D11

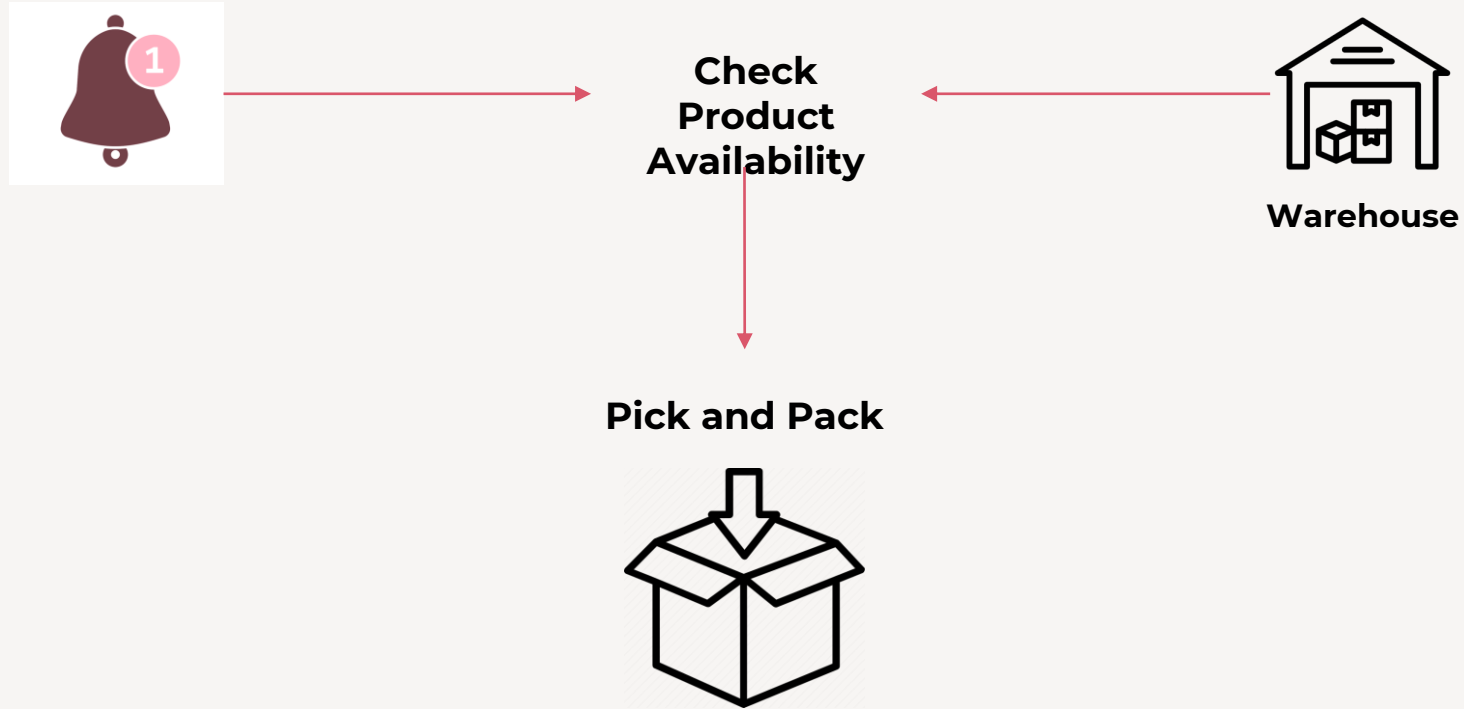
PROPOSED SUBSYSTEM

P3.2, P3.3, P3.4,
P3.5, P3.8, P3.13, D11

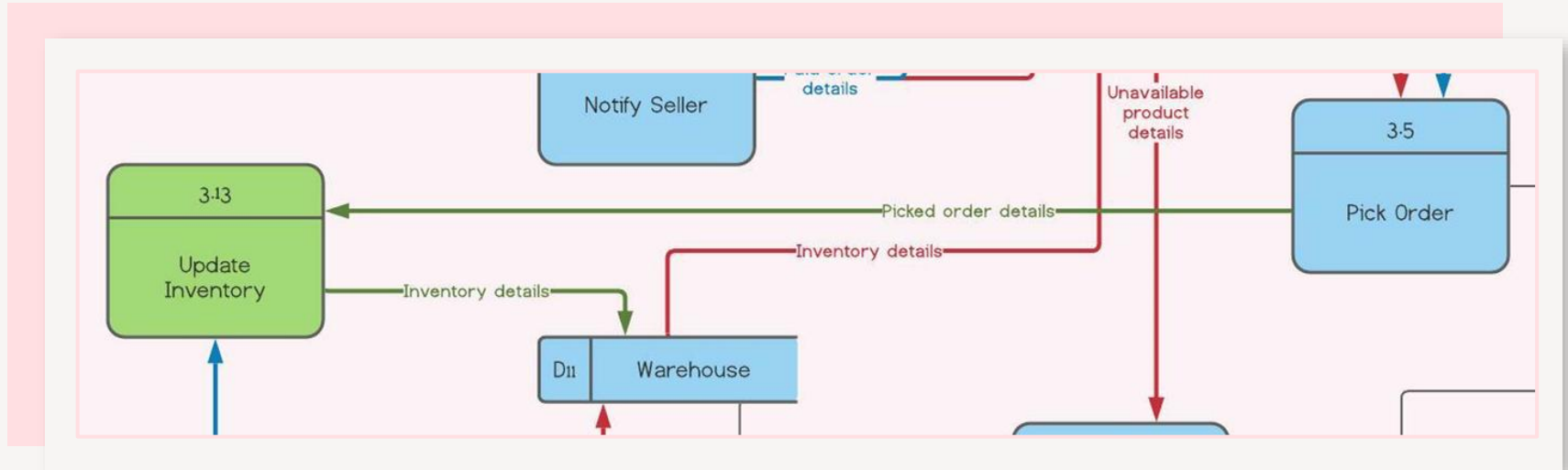
P3.2, P3.3, P3.4,
P3.5, P3.8, P3.13, D11



SUBSYSTEM 3 CURRENT SYSTEM

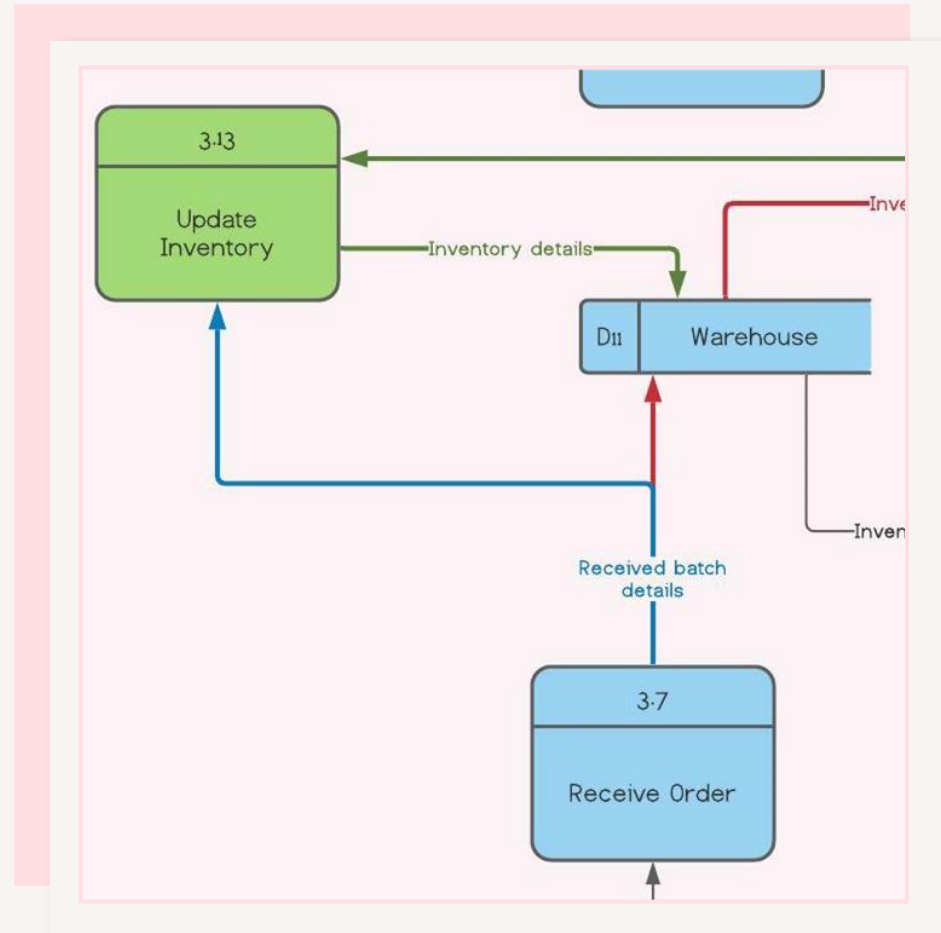


SUBSYSTEM 3 PROPOSED SYSTEM



SUBSYSTEM 3

PROPOSED SYSTEM



PROPOSED SYSTEM

USER REQUIREMENTS

NON-FUNCTIONAL

- Usability
- Security
- Performance
- **Maintainability**

FUNCTIONAL

- 3rd-party integration friendly
- Mobile friendly
- **Relevant, accurate, and real-time data**

CONCLUSION

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CONCLUSION

- Minima Basic young company
- Recommendations
 - Standardize inventory
 - Update catalogue
 - Inventory database
- Limitation
 - One employee
- Lesson learned
 - Business/system analyst skills
 - Time management
 - Data collection
 - Detailed analysis

The logo for Minima BASICS features the word "Minima" in a large, elegant, cursive script font with a reddish-brown gradient. Below it, the word "BASICS" is written in a smaller, bold, sans-serif font, also with a reddish-brown gradient.

Minima
BASICS

THANK YOU.

