

Below are the main windows (GUI and JOptionPane Dialogs), demonstrating the key features and flow of the system:

Patient Information Entry – records patient details and initial prescription data.

Pharmacy Prescription Transaction Manager

Runtime: 1.0782 ms

Patient Information Form:

Full Name:

John Dela Cruz

Age:

25

Gender:

Male

Doctor:

Dr. Carlos Domingo

Medical Condition:

cold

Search

cold

Select	Generic Name	Brand Name	Stock	Expiration D...	Manufacturer
<input type="checkbox"/>	Phenylephrine	Phenylephrine	89	2026-05-15	Novartis
<input type="checkbox"/>	Pseudoephedri...	Pseudoephedri...	144	2026-08-15	GSK
<input checked="" type="checkbox"/>	Cetirizine	Cetirizine	59	2026-07-15	Bayer
<input type="checkbox"/>	Chlorphenirami...	Chlorphenirami...	132	2026-02-15	Roche
<input checked="" type="checkbox"/>	Loratadine	Loratadine	51	2026-01-15	Pfizer

Continue

Medicine Quantity Prompt (Cetirizine) – asks the user to input the desired quantity for the selected medicine.

Pharmacy Prescription Transaction Manager

Runtime: 1.0858 ms

Patient Information Form:

Full Name:

John Dela Cruz

Age:

25

Gender:

Male

Doctor:

Dr. Carlos Domingo

Medical Condition:

cold

Search

cold

Select	Generic Name	Brand Name	Stock	Expiration D...	Manufacturer
<input type="checkbox"/>	Phenylephrine	Phenylephrine	127	2026-04-15	Novartis
<input type="checkbox"/>	Pseudoephedri...	Pseudoephedri...	135	2026-06-15	Bayer
<input checked="" type="checkbox"/>	Cetirizine	Cetirizine	74	2026-09-15	Roche
<input type="checkbox"/>	Chlorphenirami...	Chlorphenirami...	136	2026-10-15	Pfizer
<input checked="" type="checkbox"/>	Loratadine	Loratadine	108	2026-01-15	Bayer

Quantity Entry

?

Enter quantity for: Cetirizine (Cetirizine)

2

OKCancel

Continue

Medicine Quantity Prompt (Loratadine) — allows quantity input for another selected medicine.

Pharmacy Prescription Transaction Manager

Runtime: 1.0858 ms

Patient Information Form:

Full Name:

John Dela Cruz

Age:

25

Gender:

Male

Doctor:

Dr. Carlos Domingo

Medical Condition:

cold

Search

cold

Select	Generic Name	Brand Name	Stock	Expiration D...	Manufacturer
<input type="checkbox"/>	Phenylephrine	Phenylephrine	127	2026-04-15	Novartis
<input type="checkbox"/>	Pseudoephedri...	Pseudoephedri...	135	2026-06-15	Bayer
<input checked="" type="checkbox"/>	Cetirizine	Cetirizine	72	2026-09-15	Roche
<input type="checkbox"/>	Chlorphenirami...	Chlorphenirami...	136	2026-10-15	Pfizer
<input checked="" type="checkbox"/>	Loratadine	Loratadine	108	2026-01-15	Bayer

Quantity Entry

?

Enter quantity for: Loratadine (Loratadine)

1

OKCancel

Continue

Receipt Output (Part 2) — continues the receipt details, showing the final computation.

Prescription Receipt

Medicine #1:

Generic Name: Cetirizine
Brand Name: Cetirizine
Manufacturer: Bayer
Expiration Date: 2026-07-15
Unit Price: ₱55,64
Quantity: 2
Subtotal: ₱111,28

Medicine #2:

Generic Name: Loratadine
Brand Name: Loratadine
Manufacturer: Pfizer
Expiration Date: 2026-01-15
Unit Price: ₱57,10
Quantity: 1
Subtotal: ₱57,10

BILLING SUMMARY

Total Items: 2
GRAND TOTAL: ₱168,38

PHARMACIST INFORMATION

Name: Pharmacist John Dela Cruz, RPh
License No: PRC-0123456
Workplace: MedCare Pharmacy
Contact: +63 917 123 4567
Email: pharmacist@medcare.ph

Thank you for trusting CCE105 Pharmacy!

Save to File

Close

Receipt Saved Confirmation – notifies that the transaction receipt has been successfully saved locally.

Prescription Receipt

Brand Name: Loratadine
Manufacturer: Roche
Expiration Date: 2026-04-15
Unit Price: ₱45,15
Quantity: 1
Subtotal: ₱45,15

Medicine #2:

Generic Name: Cetirizine
Brand Name: Cetirizine
Manufacturer: GSK
Expiration Date: 2026-09-15
Unit Price: ₱32,28
Quantity: 2
Subtotal: ₱64,56

BILLING SUMMARY

Total Items: 2
GRAND TOTAL: ₱109,71

PHARMACIST INFORMATION

Name: Pharmacist John Dela Cruz, RPh
License No: PRC-0123456
Workplace: MedCare Pharmacy
Contact: +63 917 123 4567
Email: pharmacist@medcare.ph

Thank you for trusting CCE105 Pharmacy!

Save to File

Close

Success

Receipt saved successfully to:
All_Receipts.txt

OK