Below are the main windows (GUI and JOptionPane Dialogs), demonstrating the key features and flow of the system:
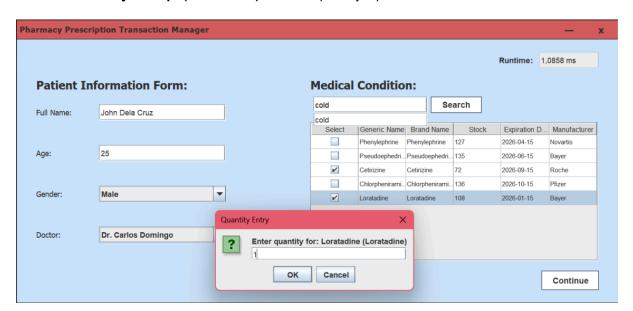
Patient Information Entry – records patient details and initial prescription data.

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

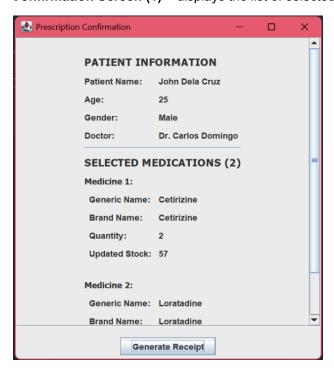| Select	Generic Name	Brand Name	Stock	Expiration D...	Manufacturer
☐	Phenylephrine	Phenylephrine	89	2026-05-15	Novartis
☐	Pseudoephedri...	Pseudoephedri...	144	2026-08-15	GSK
☑	Cetirizine	Cetirizine	59	2026-07-15	Bayer
☐	Chlorphenirami...	Chlorphenirami...	132	2026-02-15	Roche
☑	Loratadine	Loratadine	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
☐	Phenylephrine	Phenylephrine	127	2026-04-15	Novartis
☐	Pseudoephedri...	Pseudoephedri...	135	2026-06-15	Bayer
☑	Cetirizine	Cetirizine	74	2026-09-15	Roche
☐	Chlorphenirami...	Chlorphenirami...	136	2026-10-15	Pfizer
☑	Loratadine	Loratadine	108	2026-01-15	Bayer

Quantity Entry ✕

? Enter quantity for: Cetirizine (Cetirizine)
2

OK | Cancel

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
☐	Phenylephrine	Phenylephrine	127	2026-04-15	Novartis
☐	Pseudoephedri...	Pseudoephedri...	135	2026-06-15	Bayer
☑	Cetirizine	Cetirizine	72	2026-09-15	Roche
☐	Chlorphenirami...	Chlorphenirami...	136	2026-10-15	Pfizer
☑	Loratadine	Loratadine	108	2026-01-15	Bayer

Quantity Entry ✕

? Enter quantity for: Loratadine (Loratadine)
1

OK | Cancel

Continue

Confirmation Screen (1) – displays the list of selected medicines for review before finalizing.

Prescription Confirmation — □ ✕

PATIENT INFORMATION

Patient Name: John Dela Cruz
Age: 25
Gender: Male
Doctor: Dr. Carlos Domingo

SELECTED MEDICATIONS (2)

Medicine 1:
  Generic Name: Cetirizine
  Brand Name: Cetirizine
  Quantity: 2
  Updated Stock: 57

Medicine 2:
  Generic Name: Loratadine
  Brand Name: Loratadine

[Generate Receipt]

Confirmation Screen (2) – shows the detailed transaction summary for confirmation.

Prescription Confirmation — □ ✕

Age: 25
Gender: Male
Doctor: Dr. Carlos Domingo

SELECTED MEDICATIONS (2)

Medicine 1:
  Generic Name: Cetirizine
  Brand Name: Cetirizine
  Quantity: 2
  Updated Stock: 57

Medicine 2:
  Generic Name: Loratadine
  Brand Name: Loratadine
  Quantity: 1
  Updated Stock: 50

[Generate Receipt]

Receipt Output (Part 1) – displays generated transaction details with prices and totals.

Prescription Receipt — □ ✕

```
================================================
        PHARMACY PRESCRIPTION RECEIPT
================================================
Transaction ID: RX20251008-945
Date & Time: 2025-10-08 19:51:13


            PATIENT INFORMATION

Name: John Dela Cruz
Age: 25
Gender: Male
Prescribing Doctor: Dr. Carlos Domingo


            DISPENSED MEDICATIONS


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
```

[Save to File]   [Close]

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,        Success              ✕
                   ┌─────────────────────────────┐
            BIL    │ (i)  Receipt saved successfully to: │
                   │      All_Receipts.txt        │
Total Items: 2     │            [ OK ]            │
GRAND TOTA         └─────────────────────────────┘

           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 ]
```