



PharmacAI

Case: Digital Pharmacy

Digitalization of Business Processes in Healthcare

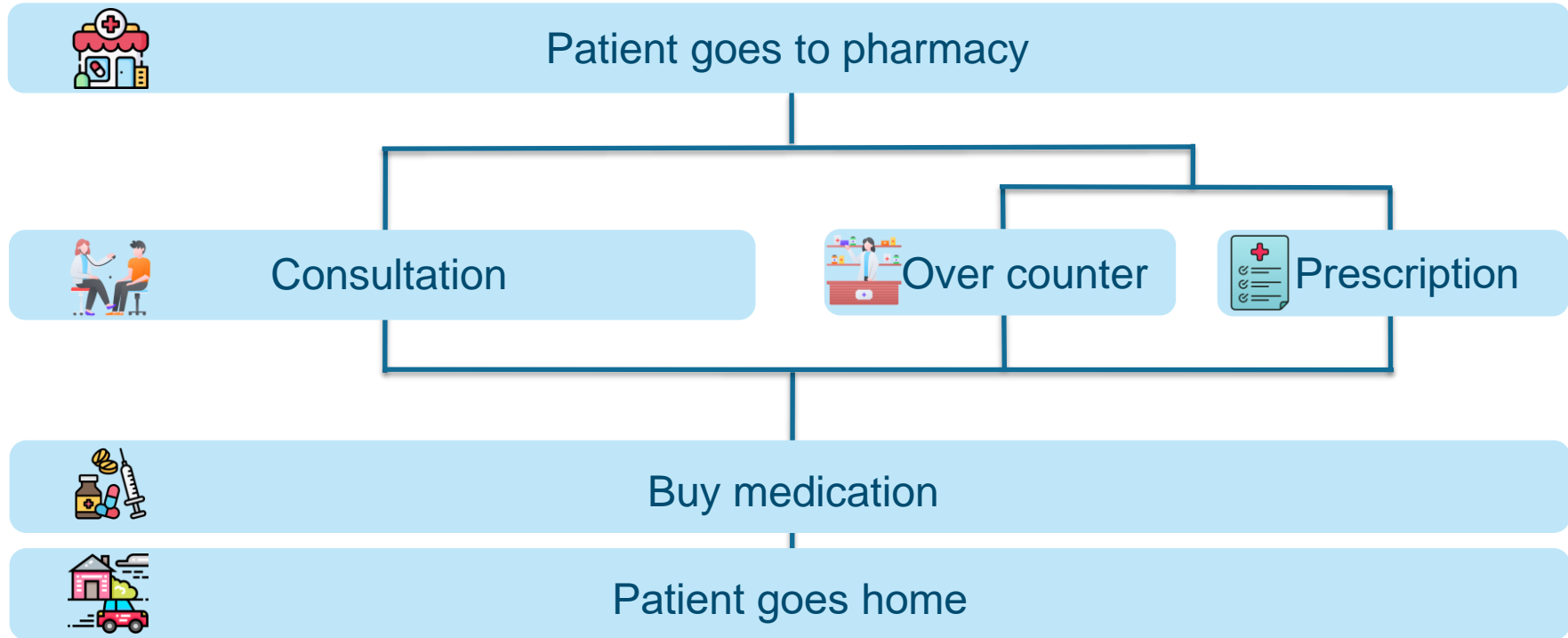
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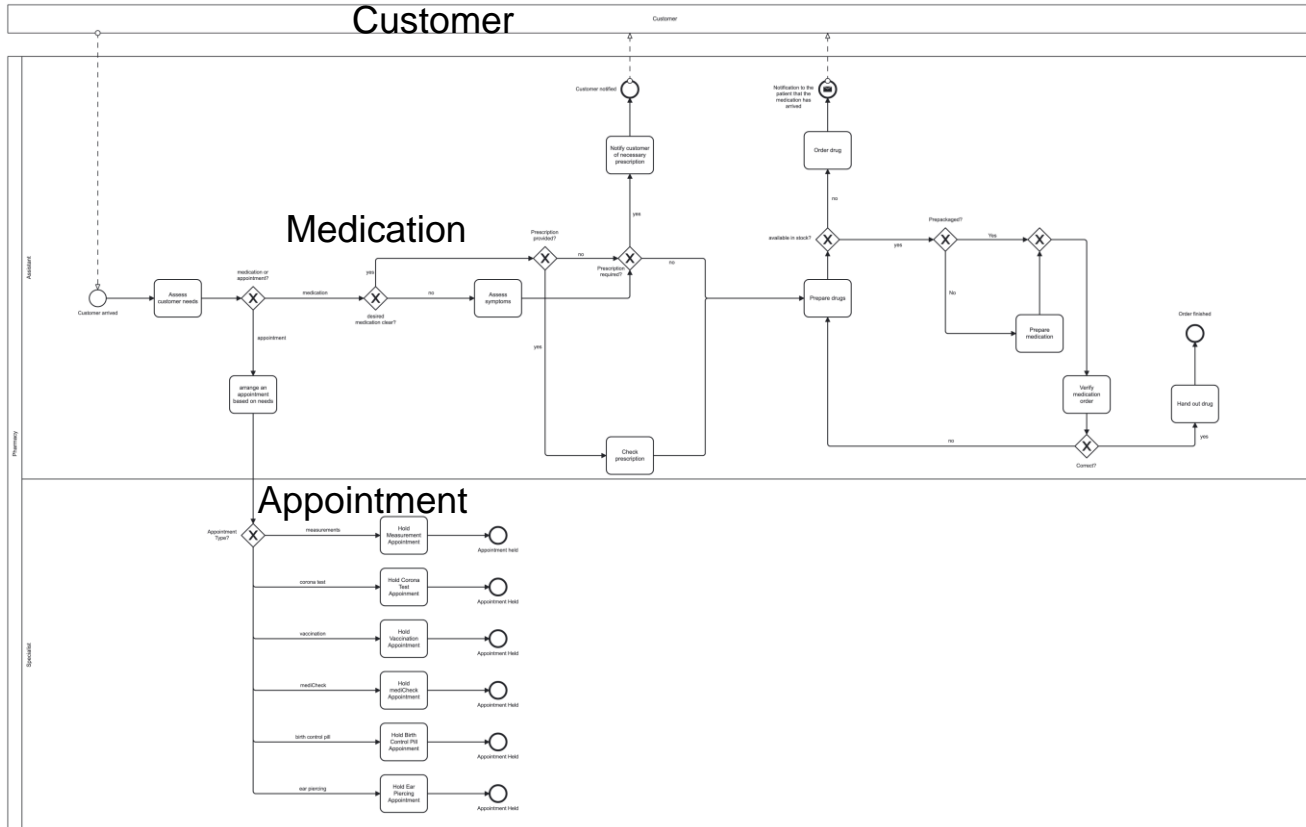


+ Use Case

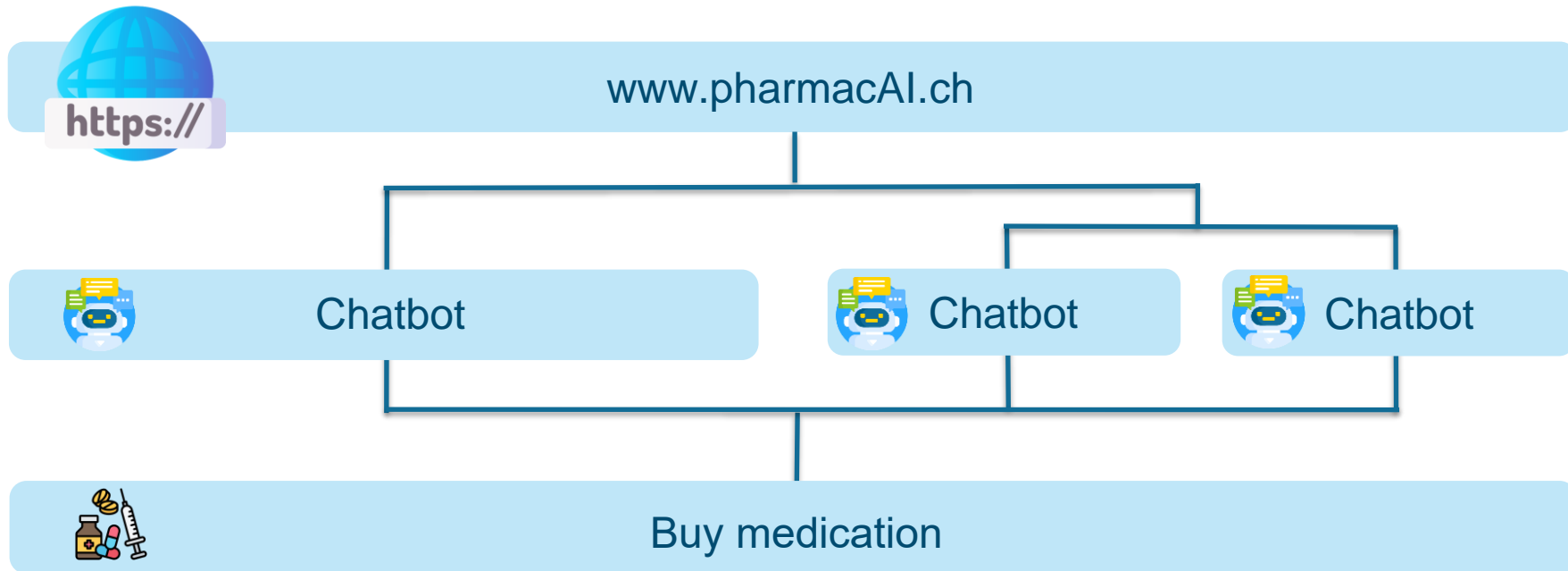




As-Is Process

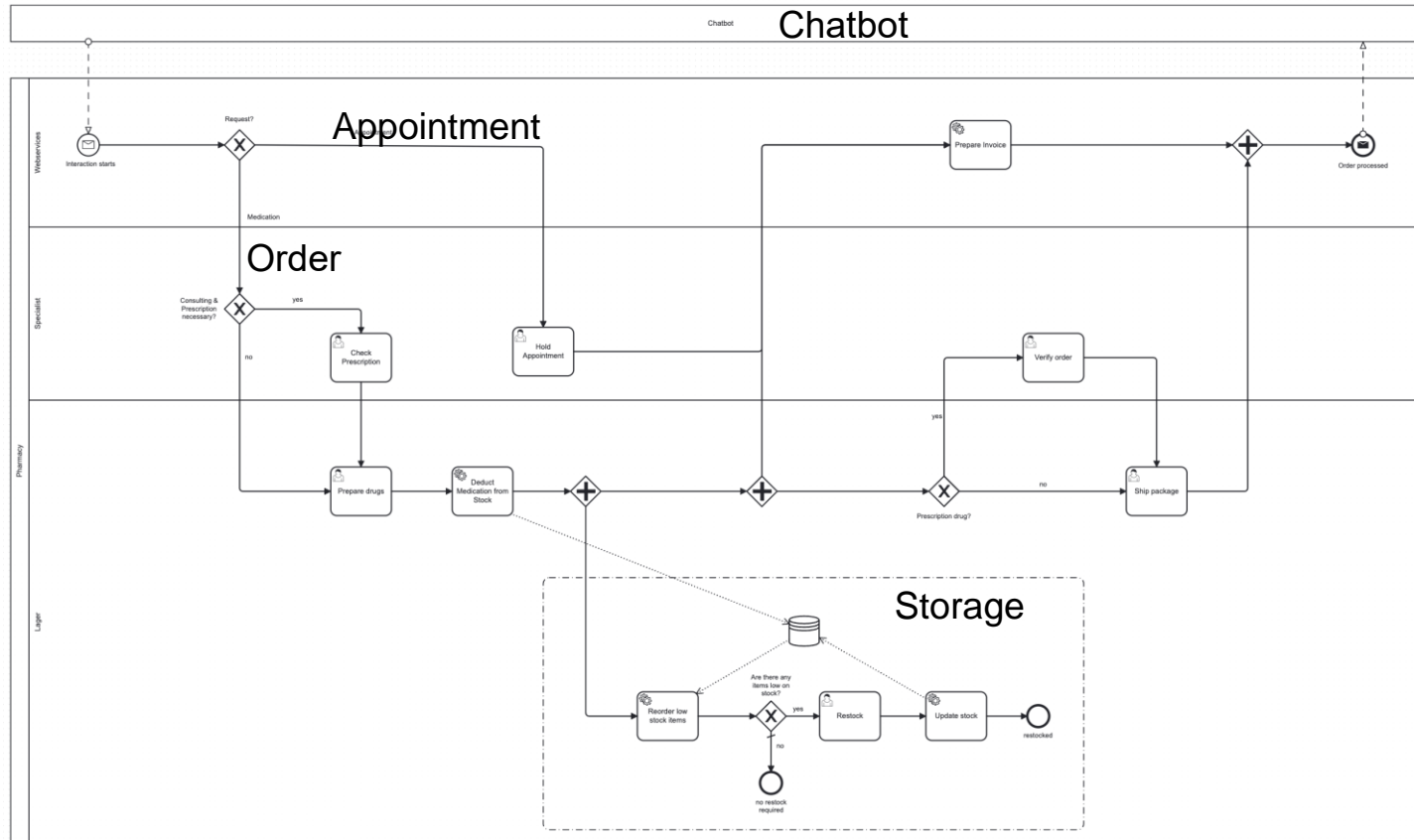


+ PharmacAI



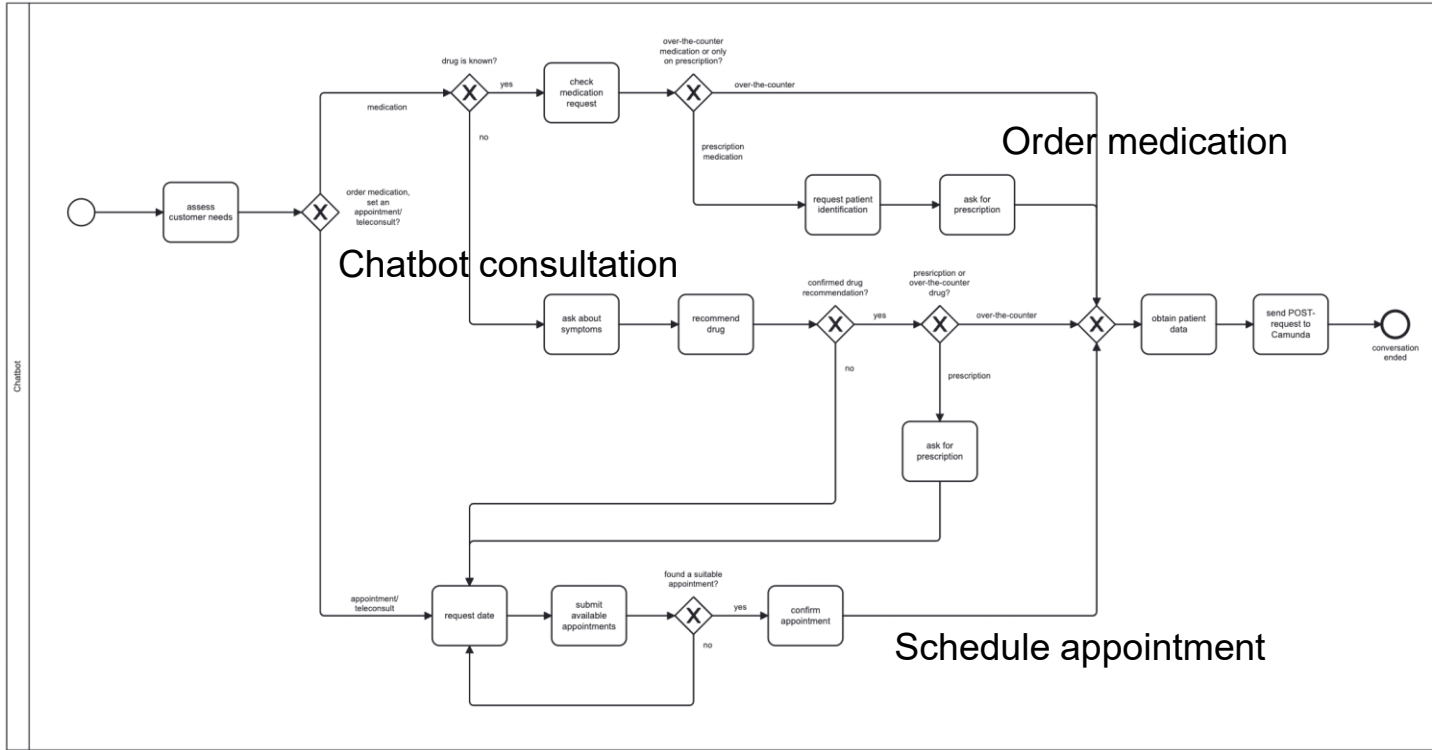


To-Be Process



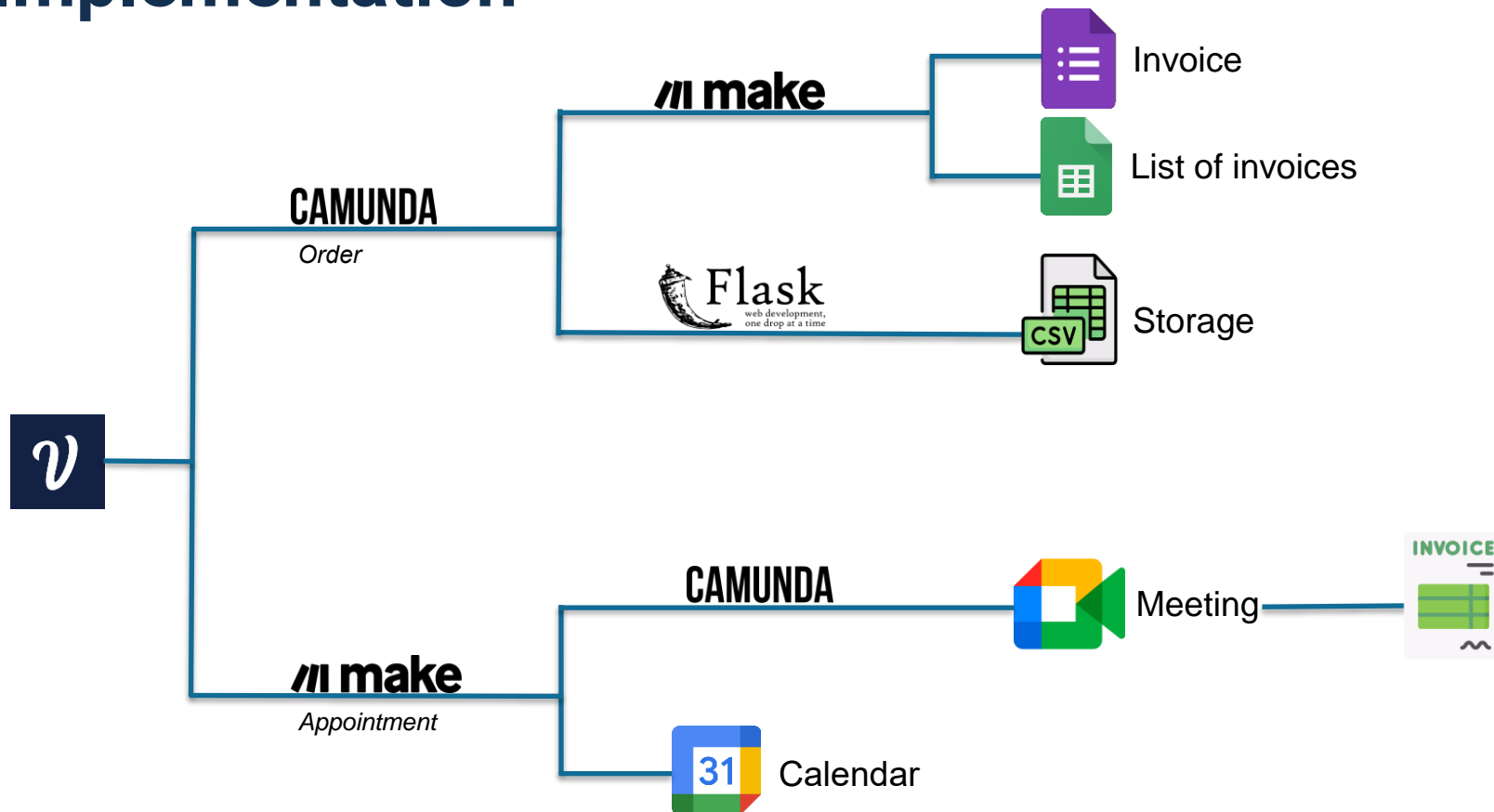


Chatbot



Chatbot: <https://digibp.github.io/Team-Ricola/>

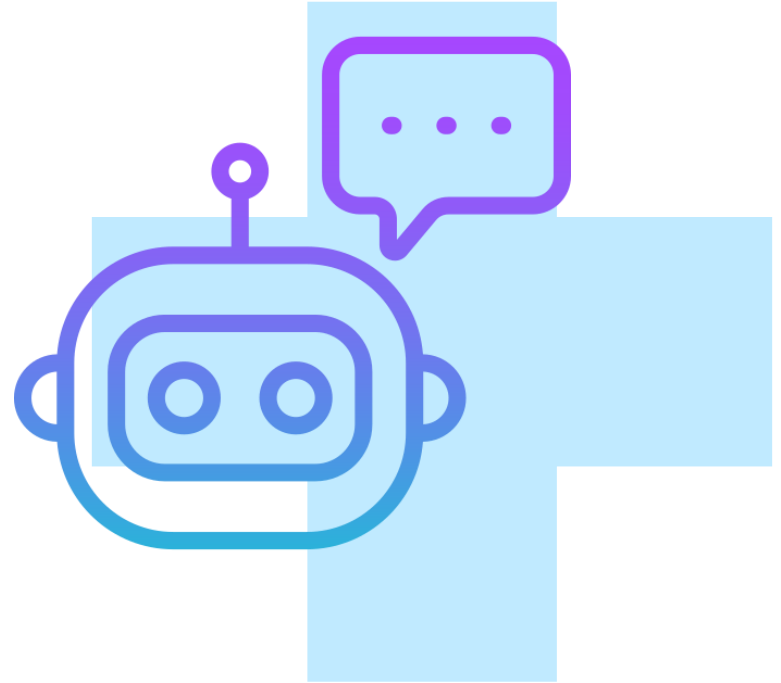
+ Implementation






Benefits

- Time-saving
- 24/7 availability
- Quick responses
- Automated order processing
- Discretion
- Scalability
- Automatic reordering

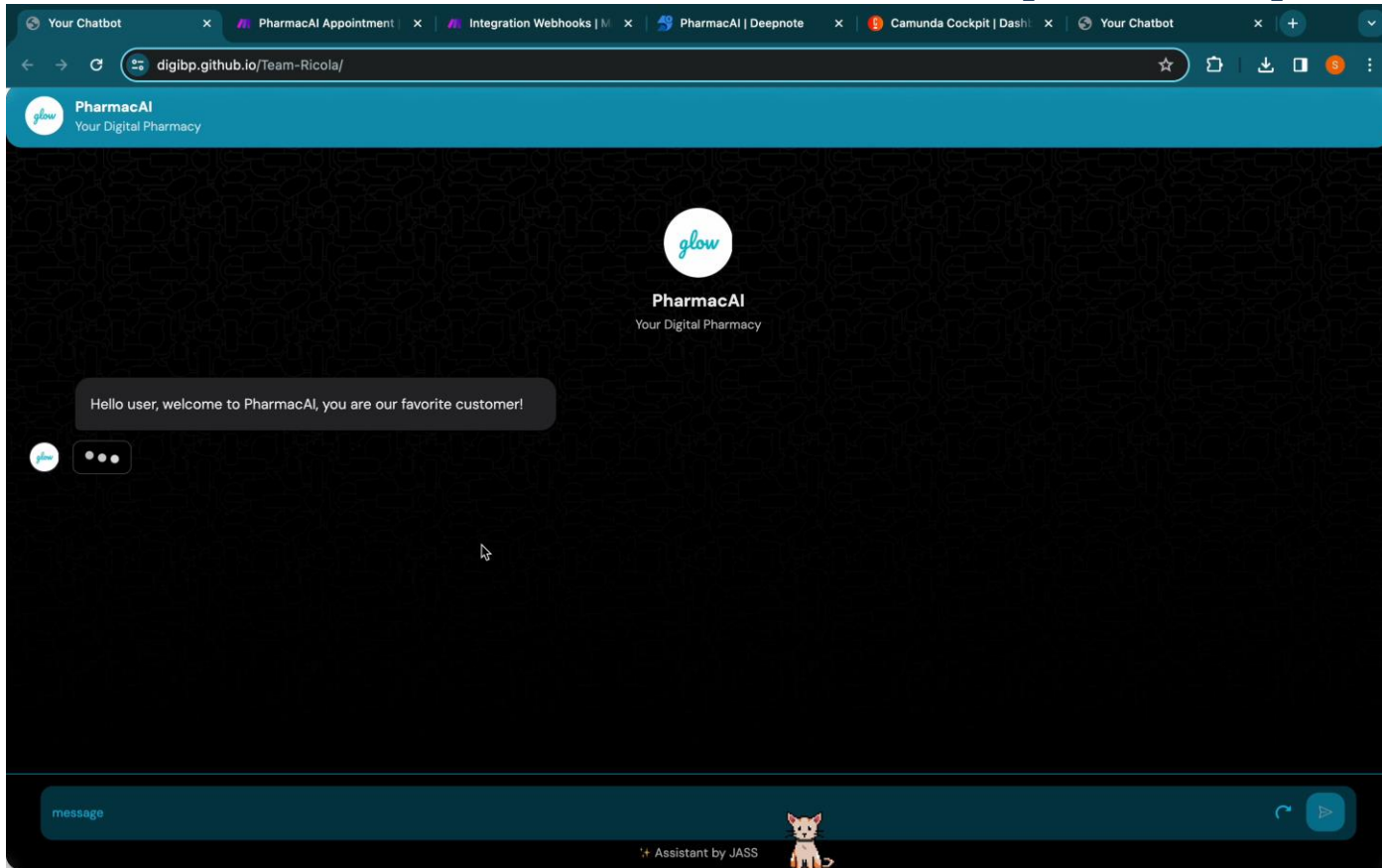


DEMO PharmacAI





Scenario 1: Medication with prescription





Scenario 2: Medication Consult

PharmacAI
Your Digital Pharmacy

I am an AI pharmacy assistant and assist you with the process of purchasing drugs and digital consultations with PharmacAI.

I can help you order medication, set an appointment or schedule a teleconsult. Which option would you like?

I want to order medication

Do you know which medication you would like to get?

Yes No

No

Could you tell me your symptoms?

I have fever, pain and inflammation

Acetaminophen (Tylenol) or Ibuprofen (Advil, Motrin)

Would you like to order this medication?

message

Symptom: Fever

- Medications: Acetaminophen (Tylenol), Ibuprofen (Advil, Motrin)

Symptom: Pain (e.g., headache, muscle pain)

- Medications: Acetaminophen, Ibuprofen, Naproxen (Aleve), Aspirin

Symptom: Cough

- Medications: Cough suppressants (e.g., Dextromethorphan), Expectorants (e.g., Guafenesin)

Symptom: Shortness of breath

- Medications: Bronchodilators (e.g., Albuterol), Inhaled corticosteroids

Symptom: Chest pain

- Medications: Nitroglycerin (for angina), Antacids (if due to acid reflux)

Symptom: Nausea

- Medications: Antiemetics (e.g., Ondansetron, Dimenhydrinate)

Symptom: Vomiting

- Medications: Antiemetics, Intravenous fluids (in severe cases)

Symptom: Diarrhea

- Medications: Antidiarrheal agents (e.g., Loperamide), Oral rehydration solutions

Symptom: Abdominal pain

- Medications: Antispasmodics (e.g., Hyoscyamine), Analgesics (for pain relief)

Symptom: Joint pain

- Medications: Nonsteroidal anti-inflammatory drugs (NSAIDs), Disease-modifying antirheumatic drugs (DMARDs) for autoimmune conditions

Symptom: Rash

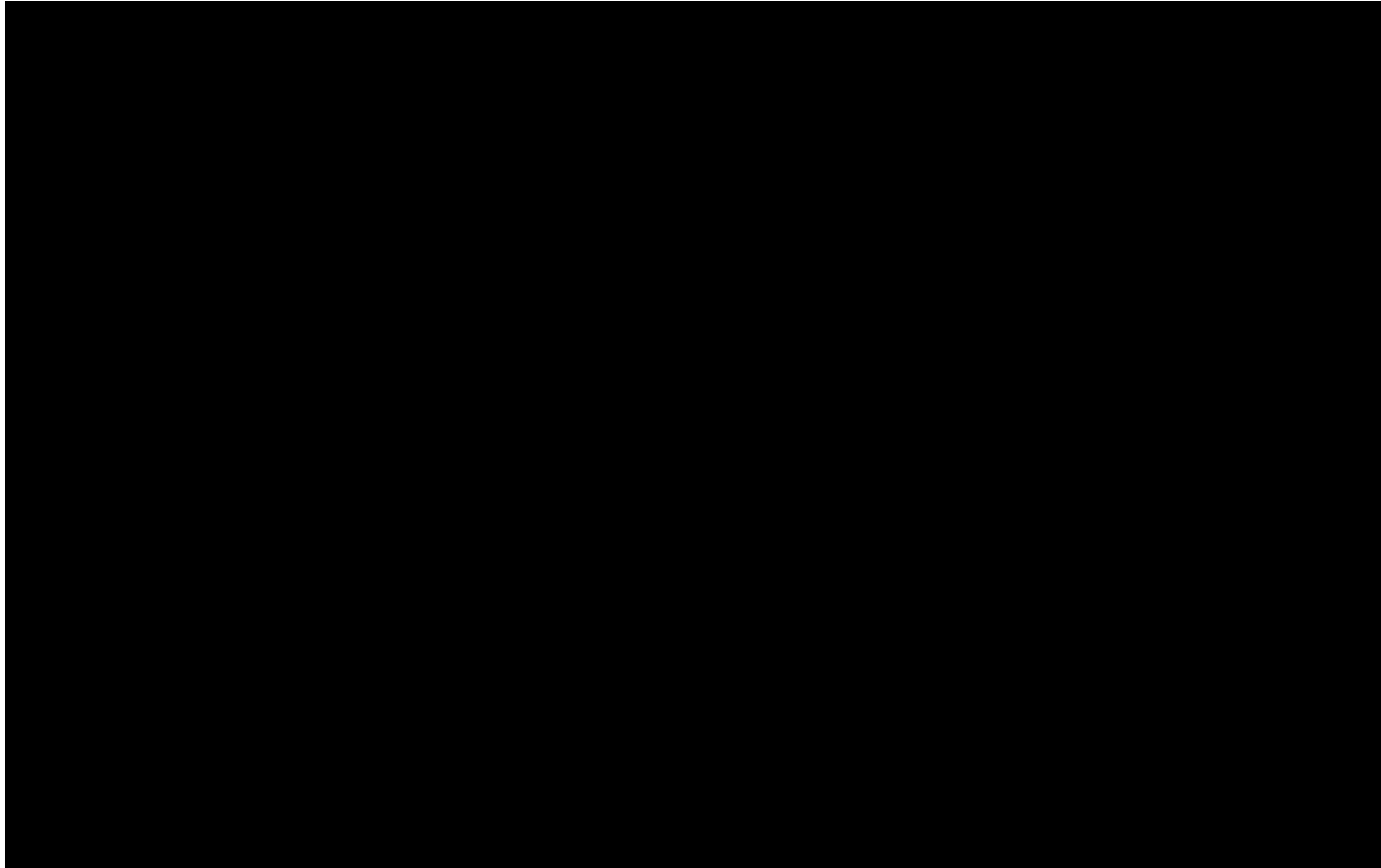
- Medications: Topical corticosteroids, Antihistamines

Over-the-Counter (OTC) Medications:

- Medication:** Ranitidine
 - Brand Name:** Zantac
 - Active Component:** Ranitidine
 - Price:** CHF 9.50
 - Indications:** Heartburn, acid reflux, Zollinger-Ellison syndrome
 - Availability:** Over the counter
- Medication:** Dextromethorphan
 - Brand Name:** Robitussin DM
 - Active Component:** Dextromethorphan
 - Price:** CHF 6.75
 - Indications:** Cough suppressant, relief of throat irritation
 - Availability:** Over the counter
- Medication:** Guaifenesin
 - Brand Name:** Mucinex
 - Active Component:** Guaifenesin
 - Price:** CHF 7.20
 - Indications:** Cough due to colds, bronchitis, loosens mucus
 - Availability:** Over the counter
- Medication:** Diphenhydramine
 - Brand Name:** Benadryl
 - Active Component:** Diphenhydramine
 - Price:** CHF 5.40
 - Indications:** Allergic reactions, hay fever, common cold symptoms
 - Availability:** Over the counter
- Medication:** Esomeprazole
 - Brand Name:** Nexium 24HR
 - Active Component:** Esomeprazole
 - Price:** CHF 16.85
 - Indications:** Heartburn, GERD, erosive esophagitis
 - Availability:** Over the counter
- Medication:** Acetaminophen
 - Brand Name:** Tylenol
 - Active Component:** Acetaminophen
 - Price:** CHF 8.50



Scenario3: Book Appointment / Teleconsult



A large, white, stylized paperclip graphic is positioned behind the text "THANK YOU".

THANK YOU

PHARMACAI