

# 🔗 Real-Time Healthcare Facility Disruption and Closure Announcements Chatbot Scenario Package

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## 📖 Scenario Background

In Halifax, Nova Scotia, severe weather events, power outages, and staffing shortages can cause sudden closures or service disruptions at hospitals, clinics, and pharmacies. Timely and accurate communication helps patients plan their care and avoid unnecessary travel. Nova Scotia Health, the provincial government, and emergency management organizations provide real-time alerts and facility status updates. This scenario asks students to use the **Ollama + AnythingLLM** stack, combined with locally available, authoritative health education materials, to design a chatbot for **Real-Time Healthcare Facility Disruption and Closure Announcements**.

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## 🎯 Scenario Goals

- Help users access up-to-date information about local healthcare facility closures or service disruptions
  - Provide guidance on alternative care options during closures
  - Clearly communicate that the chatbot does **not** provide professional medical diagnoses
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## 📁 Recommended Knowledge Base Materials

Students should collect and organize **retrievable, structured** local health education materials to serve as their RAG knowledge base. Recommended sources include:

- Nova Scotia Health – Facility Closure and Service Disruption Pages
- Provincial Emergency Management Office Alerts
- Local Hospital and Clinic Websites with Closure Announcements
- Government Public Health Advisories
- Any relevant local news or community health updates

🔗 **Requirement:** Upload as PDF, Markdown, or plain text, using general, consistent file names such as:

- `knowledge_document_1.pdf`
  - `knowledge_document_2.md`
  - `knowledge_document_3.txt`
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## 🎯 Suggested User Questions for Testing

Your final system must be able to answer these scenario questions using your uploaded knowledge base materials:

- **Question 1:** "Are there any emergency room closures in Halifax tonight?"
  - **Question 2:** "Which clinics are closed today due to the snowstorm?"
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## Suggested GitHub Repository Structure

All project deliverables must be **uploaded to a GitHub Repository**. Recommended folder structure:

```
└─ /cold-flu-chatbot
  └─ knowledge_base/
    └─ knowledge_document_1.pdf
    └─ knowledge_document_2.md
    └─ knowledge_document_3.txt
  └─ prompt/
    └─ system_prompt.txt
  └─ documentation/
    └─ scenario_pack.md (Provided)
    └─ use_case_description.md
  └─ demo/
    └─ demo_video.mp4
    └─ chat_transcript.txt
  └─ README.md
```

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## Deliverables

- **Knowledge Base**
  - Include all documents actually used in AnythingLLM
  - Must be clearly structured and named using the general format above
- **System Prompt**
  - Defines the chatbot role, tone, scope, and ethical disclaimers
- **Use Case Description**
  - A clear document that identifies user pain points and success criteria.
- **Demo Materials**
  - Screen recording or video showing chatbot responses to the core scenario questions
  - Chat transcript
- **README.md**
  - Brief project overview
  - Local deployment/testing instructions
  - Author(s) and date

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## Important Notes

- All materials must be uploaded to a **public or private GitHub Repository** for review
- The project is for **educational research use only** and must not be used for real diagnosis or treatment

- The chatbot README.md file must **prominently display a “Not Medical Diagnosis” disclaimer**