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Your Care Pal (PH) Documentation

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SPECIALIZATION

For this project, I chose **MedGuide GPT**, a health and wellness helper tailored for Filipinos. I decided on this specialization because health concerns are a part of everyday life, and people often look for quick guidance online. However, many answers they find can be misleading or unsafe. By creating a chatbot that delivers conservative, first-aid style advice and emphasizes the importance of consulting professionals, I aimed to make something that feels both practical and responsible. The focus on the Philippines context, including reminders to call 911 in emergencies and tips aligned with DOH-style recommendations, makes it more relatable and useful to my family, classmates, and local community. At the same time, the project challenged me to think about responsible AI design (setting clear scope limits, refusal patterns, and safety disclaimers) to ensure that the chatbot helps without overstepping into medical decision-making.

IMPLEMENTATION

- **Framework**
 - A Streamlit app for simple chat interaction, working both online (API-based) and offline (rule-based).
- **Prompt Tricks**
 - System prompt enforces disclaimers, clear step-by-step advice, and refusal of risky topics (like prescriptions or diagnoses).
 - Safety filters categorize blocked queries (medication specifics, experimental cures, self-diagnosis).
 - Emergency keyword detection routes the user directly to call 911.
- **Data Source**
 - No external dataset needed. Offline tips are based on general, public-domain health patterns (WHO, DOH, Red Cross-style).
- **Fine-Tuning**
 - Not required because I used structured responses instead. Every offline topic (fever, cuts, diarrhea, burns, fainting, etc.) follows the same template: What it is; Do now; Watch for; When to see a doctor; Notes.
- **Extra Features**
 - Optional persona (Clinic Nurse, Health Coach, or School Counselor) when using the online model (gpt-4o-mini).

LIMITATIONS

- Not a doctor—no diagnosis, no prescriptions, no dosages.
- Offline answers are general and may miss rare or special cases.
- English only (with PH context).
- Online model can still hallucinate, though safety rules reduce this risk.
- Scope limited to common, low-risk wellness concerns.

SAFETY CONSIDERATIONS

- Mandatory disclaimers at the start of every response.
- Clear refusals for unsafe or sensitive queries.
- Emergency detection system that tells the user to call 911.
- Red-flag reminders: when to seek urgent care, and age/pregnancy warnings.
- Notes like "Do not mix active ingredients" for medicine-related questions.