PillPoe Bot AI Assistant for Drug interactions

Motivation

There are several avoidable medical errors because front-line clinical workers aren't able to find basic information under time pressure. This bot is motivated by the recent ruling around the death of actor Matthew Perry





How big is problem...

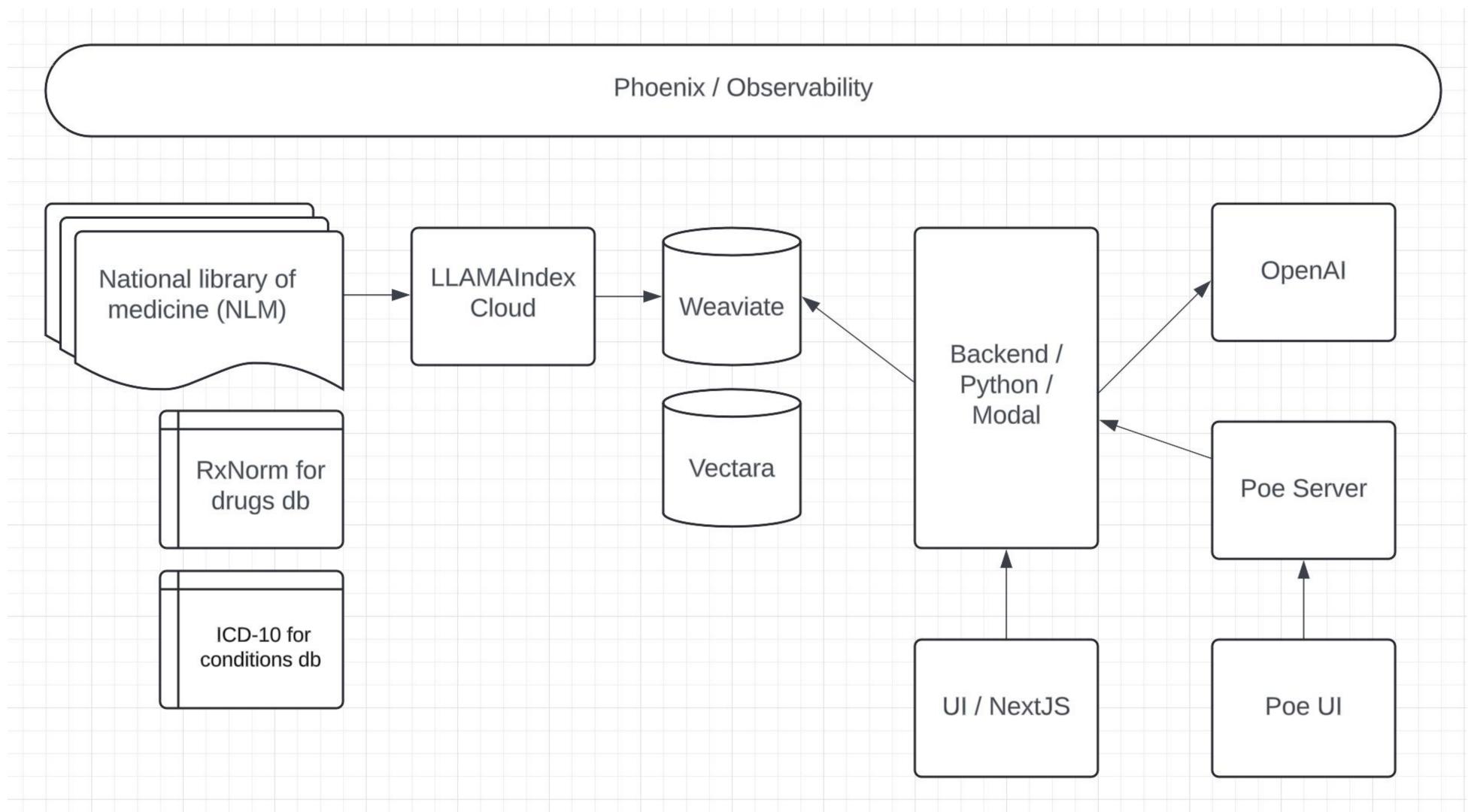
Medical errors are a leading cause of death globally. In the United States alone, medical errors are estimated to cause over 250,000 deaths annually, making it the third leading cause of death after heart disease and cancer.

Solution

Using Natural Language input:

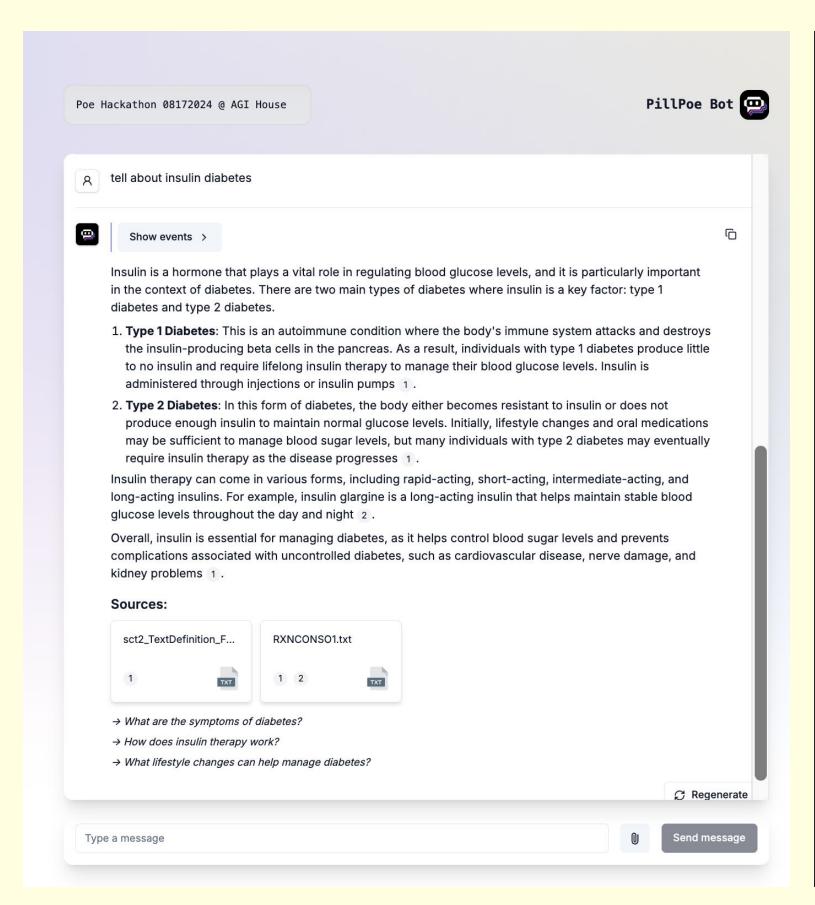
- extract clinical conditions and drugs
- analyze both for interactions from authoritative sources
- present findings

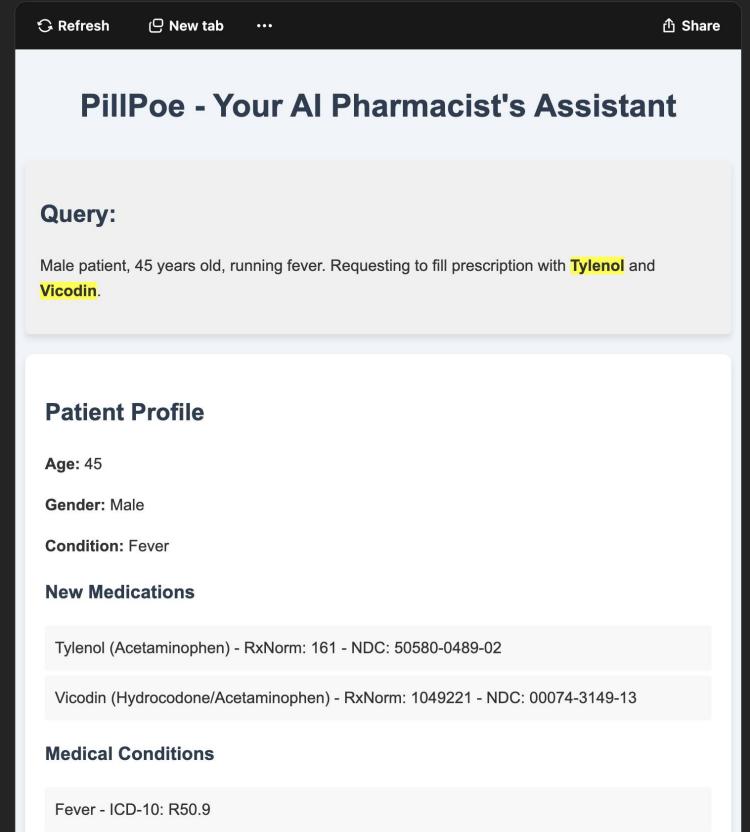
Architecture

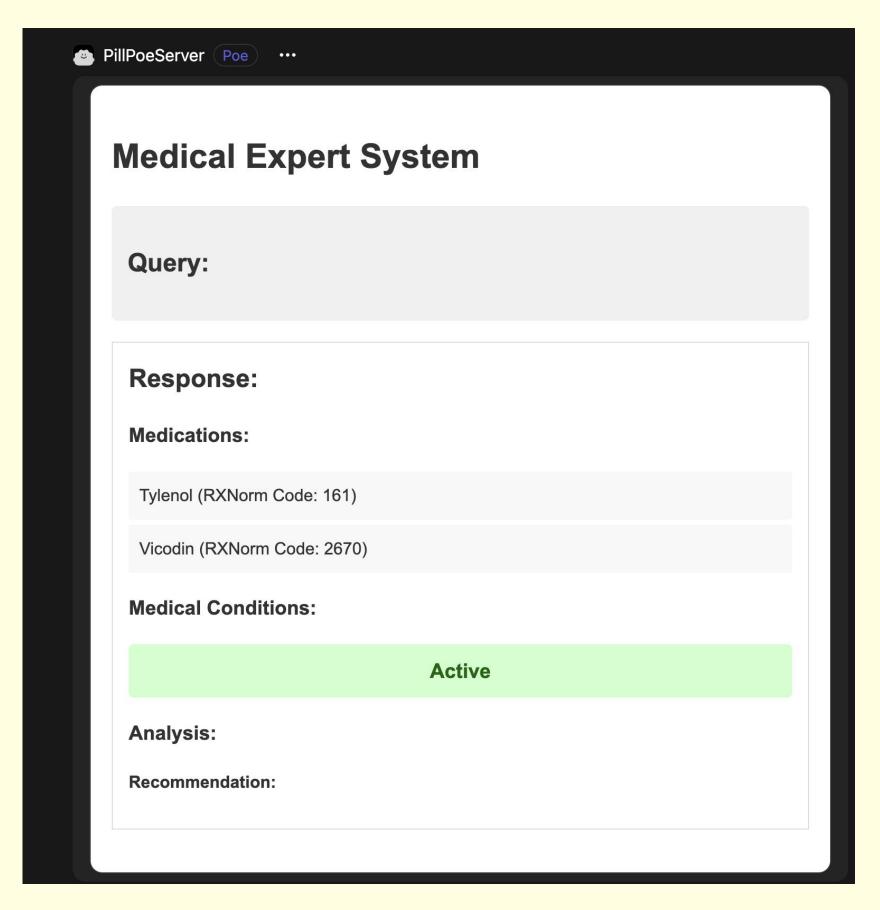




Demo







GitHub

https://github.com/sakomws/pillpoebot