Mini Care Coordinator Assistant

Your task is to design and implement a Care Coordinator Assistant that will help a nurse take the correct next steps when helping a patient. The assistant guides the nurse based on a defined engagement process and context about the specific case. As an intelligent agent, it should also be able to account for any exceptions and edge cases that may come up in real world use cases.

Scenario

A nurse is booking appointments for patient John Doe for some referrals following a hospital visit. The assistant should guide the nurse to book the correct appointments and answer any questions. In order to book an appointment, the nurse needs to know:
   1. first name, last name and dob of the patient
   2. the provider/doctor for the appointment
   3. the type of appointment
   4. the location of the appointment

Some other potential questions the assistant should be able to answer:
   ● If <provider> is not available at <given time>, what other providers are available?
   ● Does the hospital accept <insurance provider>? What should I do if not?
   ● Has the patient booked with this provider before?

Materials

You are provided the following:
   ● A data sheet containing information about the hospital system
   ● An API for retrieving contextual information

Submission

Your solution should encompass:
   ● Integration with a large language model (LLM) service to generate responses
   ● Utilization of the API to access contextual information
   ● An application featuring a user interface component for interacting with the assistant

Deliverables:
   ● A zip file or a public GitHub repository containing your solution code.
   ● A presentation deck to outline design choices and implementation decisions
      ○ Cite and link any tools / software you may have used. LLM service use is accepted but please note how you used it and link if searches if possible.
   ● A live 20 minutes presentation to the team to demo the application and explain the technical details