JunctionX OuluES Presentation

VOZ Team

Our Selected Challenge

Build an LLM-based agentic system that can answer natural-language queries on sensitive datasets without exposing private information.

⇒ We think of building an agentic system that can help the staffs of the hospital works with the patient's data.
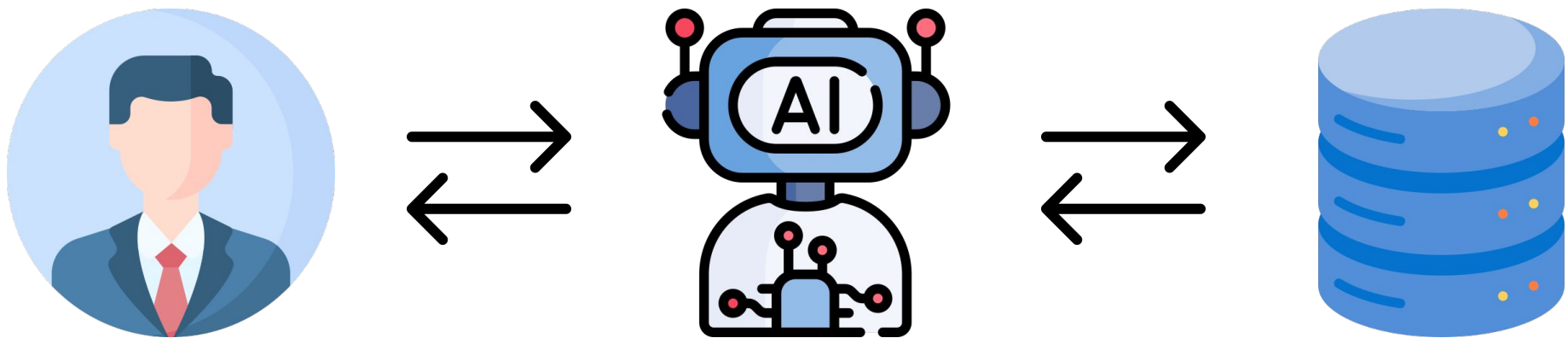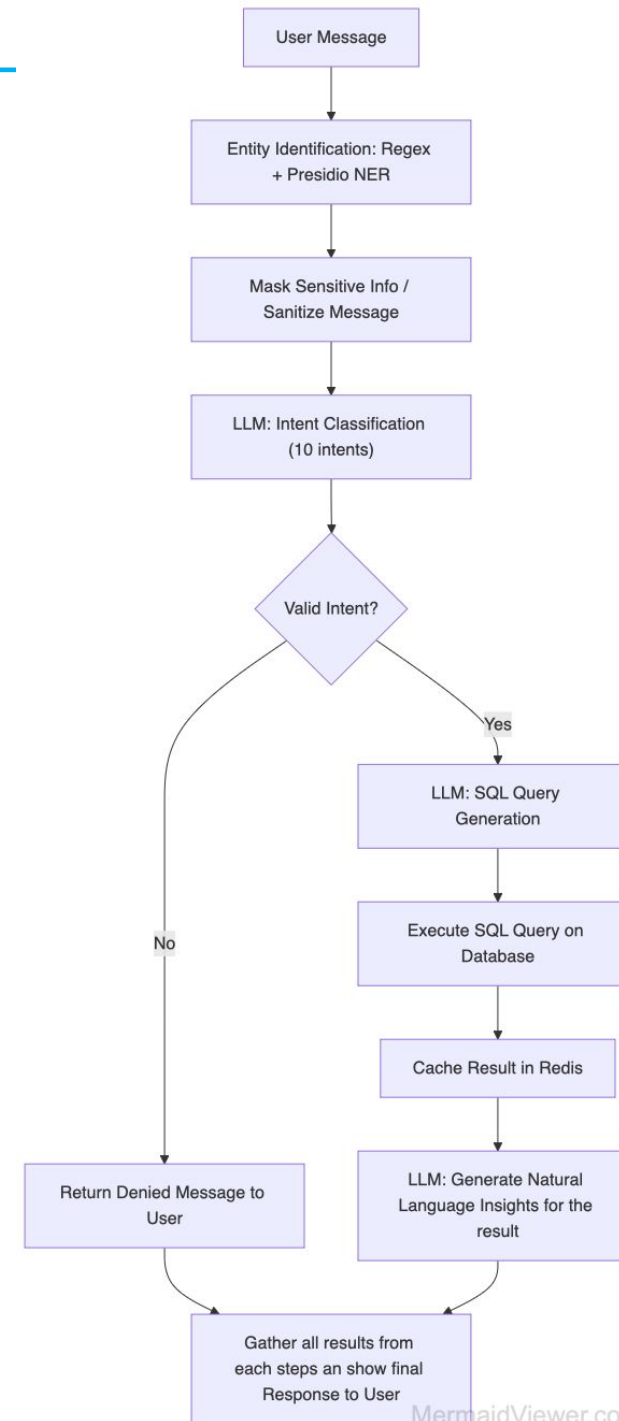
Problem Statement

- **The Problem**: Hospital staff need quick and easy access to patient data for effective care.

- **The Conflict**: Direct access to databases is risky, exposing sensitive patient information (PHI).

- **The Goal**: We need a solution that provides instant, natural language access to data without compromising security or violating patient privacy regulations.

Our Solution

- **Introducing**: A conversational AI assistant designed for hospital staff.

- **How it Works**: Staff can ask questions in plain language, and the assistant retrieves and presents the required information.

- **Key Innovation**: The assistant acts as a secure intermediary, ensuring no sensitive data is directly exposed to the user or the AI model itself
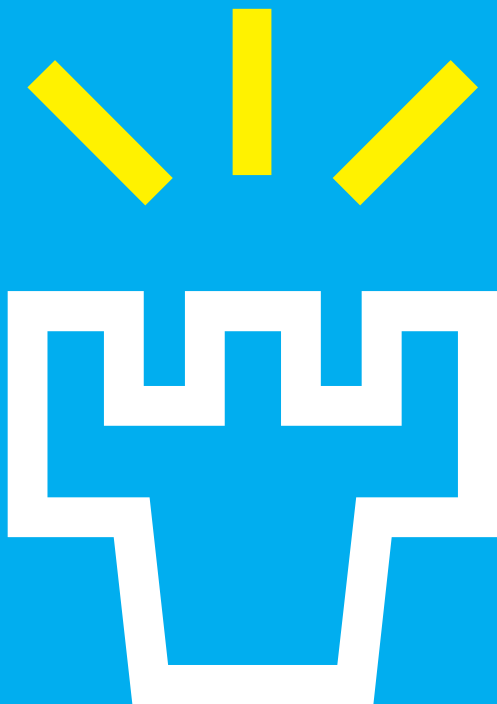
The Flow In Details

Demo Time

Thank you