CUI for Healthcare

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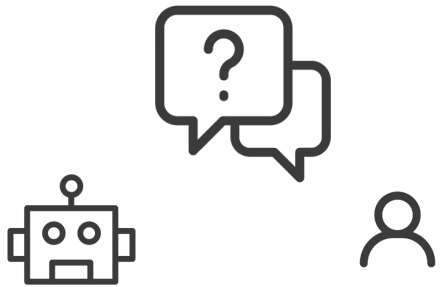


CUI for Healthcare

Health information seeking
Medical Q&A
Diagnosis Support
Medical Routine Management
Information Collection
Patient management
Intervention Delivery
…

- High-stake
- Strong emphasis on information accuracy
- Data gap
- Lack of participants

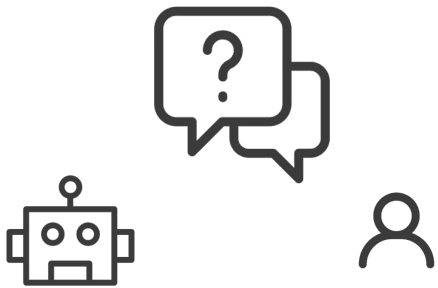
Compared to other CUIs

Solutions

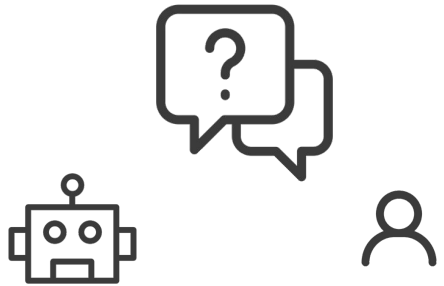
- Expert-in-the-loop architecture
- Explanation techniques
- Knowledge-driven methods
- Iterative development
- Interdisciplinary collaboration

Two major diagrams of CUI in healthcare

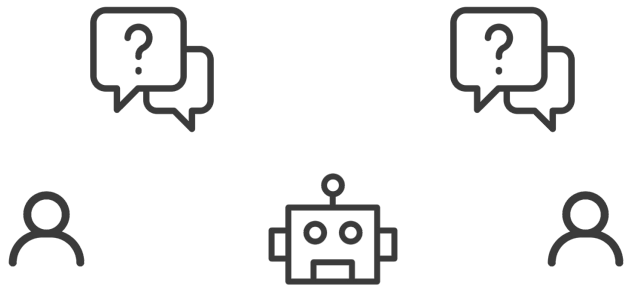
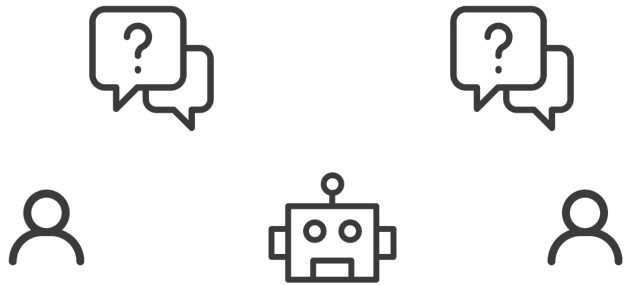
Conversational UI as an information source



- Mixed-initiative
- Information accuracy
- Communication efficiency



Conversational UI as a mediator



- Control and ownership
- Privacy management
- Communication mode