

BLU: Conversational Agent for the Autism Spectrum Disorder



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Autism Spectrum Disorder

What is it?

Developmental disorder that affects communication and behaviour.

• Difficulties:

- \circ interacting with other people
- handling emotions
- dealing with unexpected events

Conversational Agent

What is it?

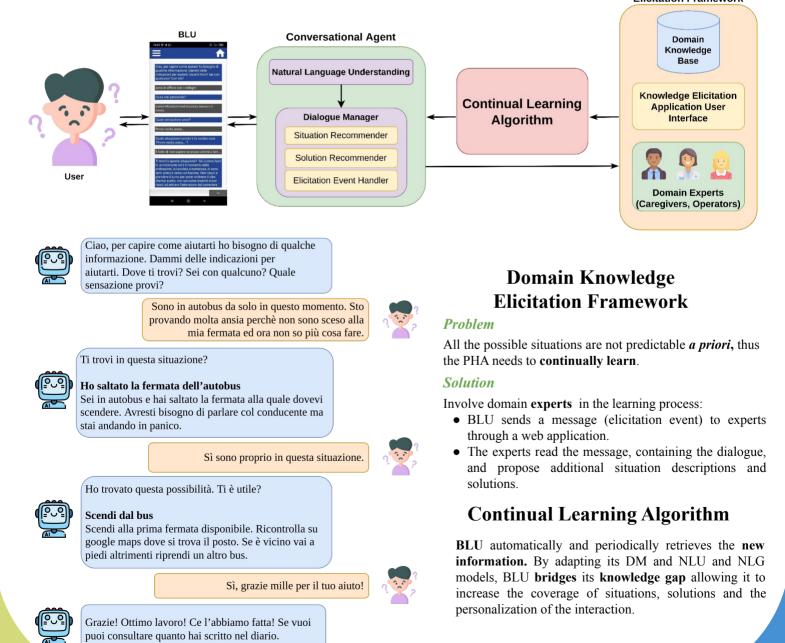
Artificial Intelligent system that interacts with humans via natural language.

Personal Healthcare Agent

Conversational agent that interacts with patients providing tailored contents to achieve a **better health status**.

BLU helps people with ASD in dealing with social and emotional daily challenges. The person describes the critical situation he/she is experiencing to the PHA, which retrieves and proposes a set of solutions in the form of natural language recipes.

Domain Knowledge Elicitation Framework



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