

# ***Chatbot***

## ➤ ***Agent Design (PEAS)***

Performance	Environment	Actuators	Sensors
Anonymous. Always available. Clinically safe. Minimize anxiety.	Human. Mobile chat.	Screen Display.	Keyboard.

## ➤ ***Environment properties (ODESDA)***

<b>Observability</b>	Partially
<b>Deterministic</b>	Stochastic
<b>Episodic</b>	Sequential
<b>Static</b>	Static
<b>Discrete</b>	Continuous
<b>Agent</b>	Single

## ➤ ***Agent Type:***

✓ Learning agent.

## ➤ ***Problem formulation:***

- **Initial state:**
  - ✓ Clean chat in which the user will talk.
- **Actions (successful function):**
  - ✓ The user expresses his feelings during a chat conversation.
- **Transition model:**
  - ✓ The user feels comfortable after the conversation.
- **Goal test:**
  - ✓ Mentally healthy person.
- **Path cost:**
  - ✓ Depends on hardware and software you will be using.