

**PEAS for Tic Tac Toe** Agent Assumptions to draw the board's boundaries for my agent:

Board is represented in the computer as index of board: "0, 1, 2, 3, 4, 5, 6, 7, 8

<b>Agent</b>	<b>Performance Measure</b>	<b>Environment</b>	<b>Actuator</b>	<b>Sensor</b>
<b>Agent could be "X" or "O" (Tic Tok Toe)</b>	<ul style="list-style-type: none"> <li>• The agent always makes valid moves</li> <li>• Agent can play the game</li> <li>• The number of losses,draws, wins</li> </ul>	<ul style="list-style-type: none"> <li>• The tic tac toe (3x3)board</li> <li>• The laptop/ computer</li> </ul>	<ul style="list-style-type: none"> <li>• Human</li> <li>• The opponent</li> <li>• The ENTER button on the computer</li> </ul>	<ul style="list-style-type: none"> <li>• The opponent's movement</li> <li>• The codes</li> </ul>
<b>Agent</b>	<b>Performance Measure</b>	<b>Environment</b>	<b>Actuator</b>	<b>Sensor</b>
<b>ChatBot</b>	Will reply when user provide a message	<ul style="list-style-type: none"> <li>• The (3x3)board</li> <li>• The laptop/ computer/Mobile</li> </ul>	<ul style="list-style-type: none"> <li>• Human</li> <li>• Understand the message and reply</li> </ul>	<ul style="list-style-type: none"> <li>• The opponent's User's input</li> </ul>
<b>Agent</b>	<b>Performance Measure</b>	<b>Environment</b>	<b>Actuator</b>	<b>Sensor</b>
<b>Automatic Fire Alarm</b>	<ul style="list-style-type: none"> <li>• Alarm will ring when it is danger</li> </ul>	House, Office, Garments	alarm will ring	Smoke detector

Agent	Performance Measure	Environment	Actuator	Sensor
Automatic Door	Open when there is a human, close after 10 seconds	Room, Entering phase of a building	Door will be opened	Camera, sensor, motion