

User Story on “**Symptom Checker / AI Assistant (Patient)**”

Card:

As a : Patient

I want : To enter my symptoms into the system and get AI-powered suggestions.

So that : I can better understand my possible health conditions and prepare for doctor consultation.

Conversation:

1. Patients can type their symptoms into a text box and submit them.
2. The AI system processes the input and returns possible diseases with confidence levels.
3. Suggested medicines or remedies are displayed along with the AI prediction.
4. Patients can forward the AI suggestion directly to a doctor for review.
5. A history of past symptoms and AI suggestions is stored for tracking.
6. The system provides charts/graphs to visualize recurring symptoms over time.

Confirmation:

Success:

1. Patient enters symptoms → AI returns **possible conditions + confidence levels**.
2. AI suggests **medicines/remedies** relevant to the predicted condition.
3. Patients can **send AI suggestions to a doctor** for verification.
4. The patient's **symptom history** is stored and can be accessed later.
5. Visual representation (chart/graph) shows recurring or frequent symptoms.
6. Suggestions are clear, accurate, and easy to understand.

Failure:

1. If symptoms entered are unclear or incomplete, the AI shows a “**Please enter more details**” prompt.
2. If the AI cannot process the input, it shows a “**No prediction available**” message.
3. Wrong or irrelevant predictions confuse patients if not properly filtered.
4. If the network/AI engine fails, the system shows a “**Service temporarily unavailable**” error.
5. Symptom history may not be saved in case of a storage/database failure.