Designing a health care chatbot requires careful consideration of various functional requirements to ensure the system effectively supports users' health-related needs. Here's a set of functional requirements for a healthcare chatbot:

**Symptom Assessment:**

The chatbot should be capable of conducting a symptom assessment based on user input to provide initial insights into potential health issues.

**Medical Information Retrieval**:

Access and retrieve relevant medical information from trusted sources to provide accurate and up-to-date information to users.

**Nutritional Guidance:**

Provide personalized nutritional advice and meal planning based on user preferences, health conditions, and dietary restrictions.

**Emergency Health Information**:

Include features for emergency health situations, such as providing CPR instructions, contacting emergency services, and locating nearby healthcare facilities.

**Language Support and Understanding:**

Support natural language processing to understand and respond to user queries in a conversational manner.

Recognize medical terminology and accurately interpret user descriptions of symptoms.

**Integration with Wearable Devices:**

Integrate with wearable devices (e.g., fitness trackers) to collect and analyze health-related data for more accurate insights.

**Mental Health Support:**

Implement features for mental health support, including mood tracking, stress management tips, and access to mental health resources.