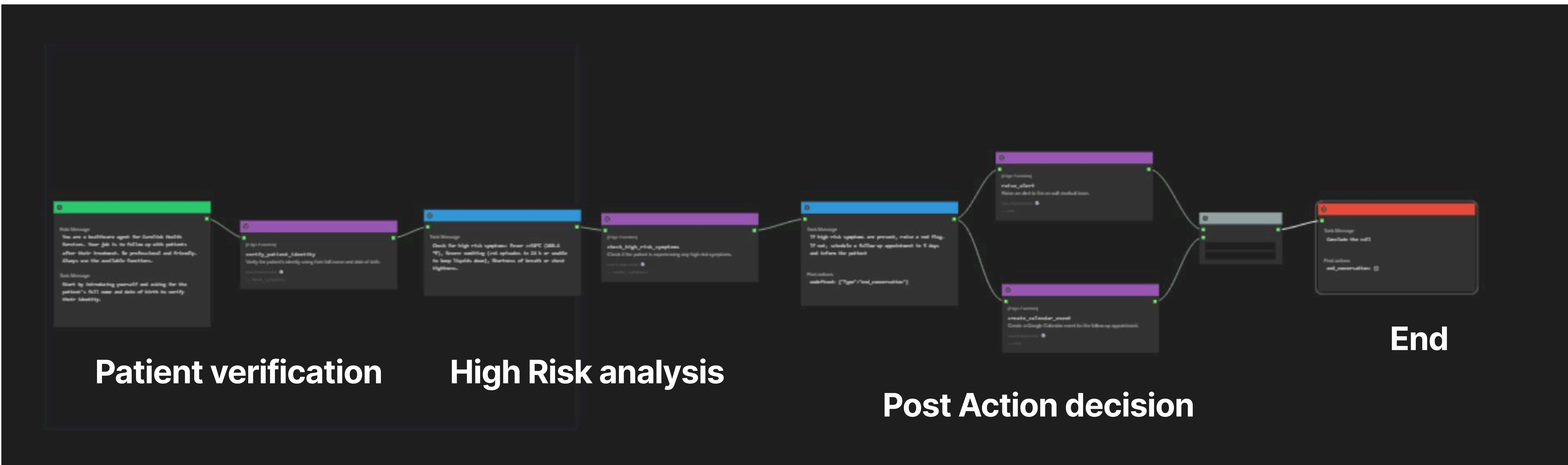


# PIPECAT FLOW DIAGRAM

This is the flow architecture behind the working of the conversation carried out by the agent ,  
this flow is mainly used to verify the patient and to identify high risk symptoms

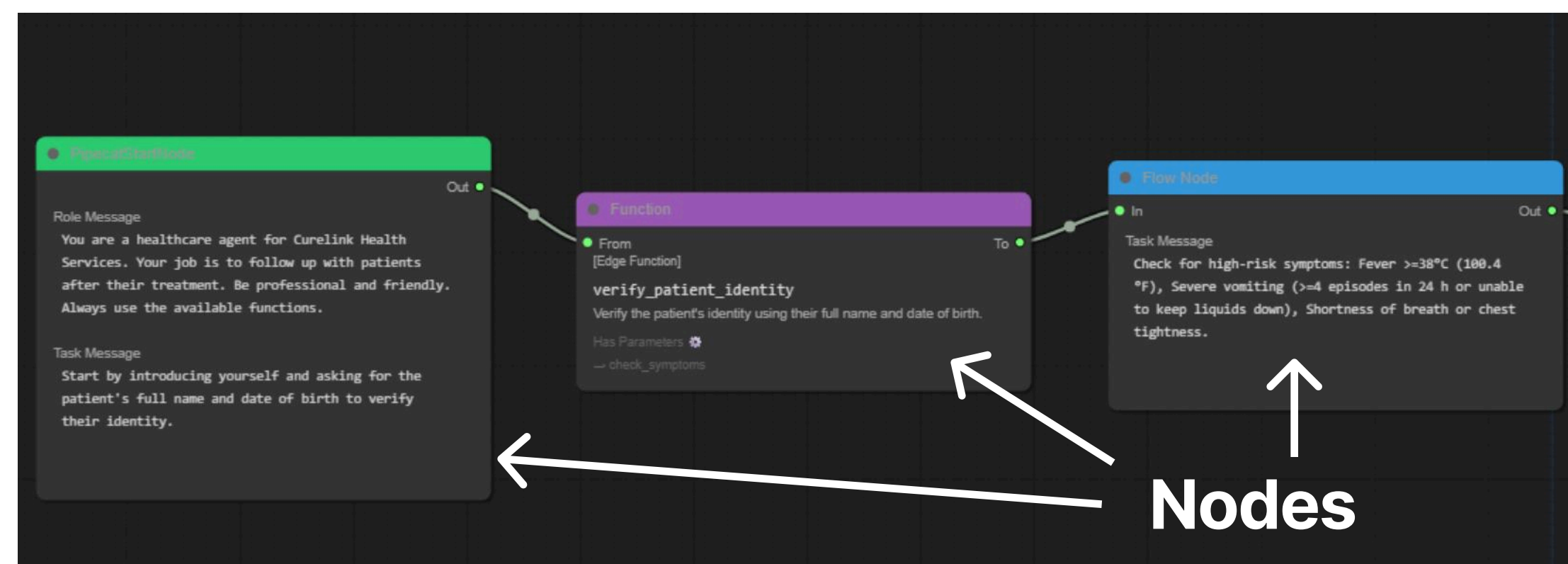


# flow config

JSON Object defines the logic of conversation

Each of the endpoint are called nodes

Each node tell the agent what to do , what information it needs and how to proceed



# flow manager

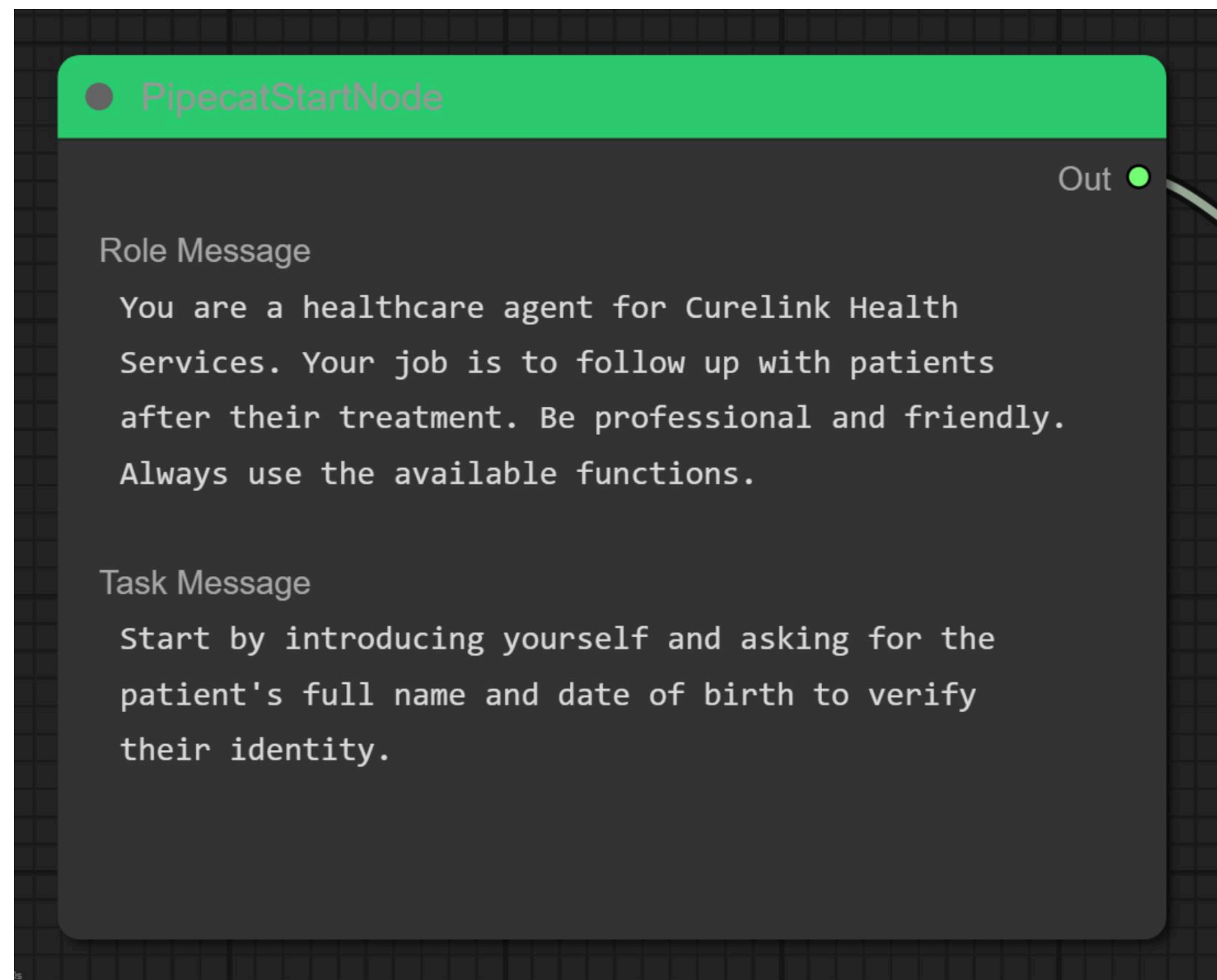
It is like the coordinator that works between flow config and the LLMS

It keep tracks of the conversation state, give LLM the task message so that LLM can figure out what to say to the user

It gives the function necessary to LLM

# Verification of patient

## Starting Node



**PipecatStartNode** Out

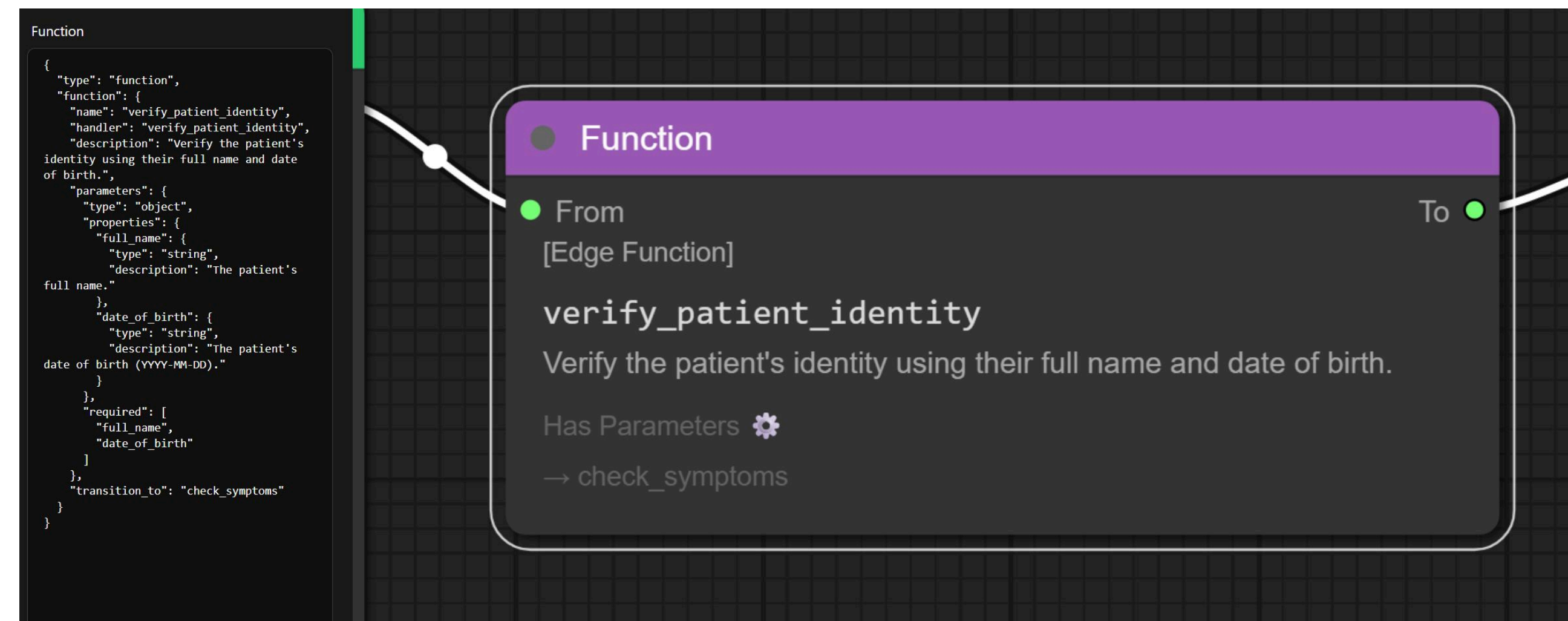
**Role Message**

You are a healthcare agent for Curelink Health Services. Your job is to follow up with patients after their treatment. Be professional and friendly. Always use the available functions.

**Task Message**

Start by introducing yourself and asking for the patient's full name and date of birth to verify their identity.

Task given to LLM to introduce himself and ask for patient name and dob



**Function**

From [Edge Function] To

**verify\_patient\_identity**

Verify the patient's identity using their full name and date of birth.

Has Parameters ⚙️

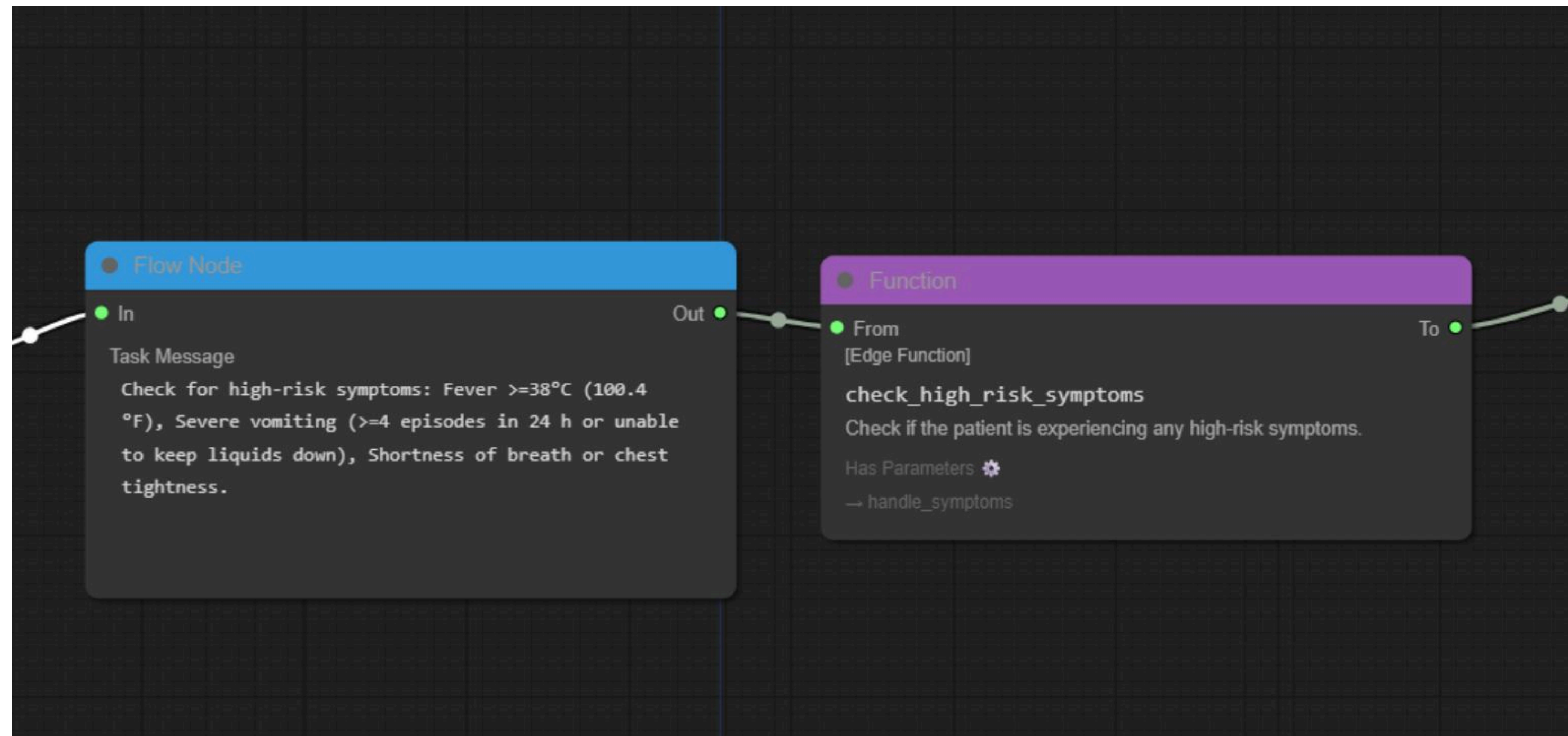
→ check\_symptoms

```
{
  "type": "function",
  "function": {
    "name": "verify_patient_identity",
    "handler": "verify_patient_identity",
    "description": "Verify the patient's identity using their full name and date of birth.",
    "parameters": {
      "type": "object",
      "properties": {
        "full_name": {
          "type": "string",
          "description": "The patient's full name."
        },
        "date_of_birth": {
          "type": "string",
          "description": "The patient's date of birth (YYYY-MM-DD)."
        }
      },
      "required": [
        "full_name",
        "date_of_birth"
      ]
    },
    "transition_to": "check_symptoms"
  }
}
```

Flow manager see the function `verify_patient_identity`, it extracts the name and date of birth and then calls the function with these parameters for verification

After verification is completed it is moved to next node

# Symptoms identification



**just like patient verification , task message define role for llm , then a function is called values are compared and further task happens based on the output**

# BASIC FLOW WAS

**Start** —→ **verify patient** —→ **Check Symptoms** —→ **Handel symptoms** —→ **End**