ACTIVITY DIAGRAM:

Client	Interpreter program	Morse Code interpreter

Input motion

Checks for long or short motion

If there is no motion

This runs continuously

if there is motion

Acquires the letter

Append letter to the message

Append null to the message

Display message
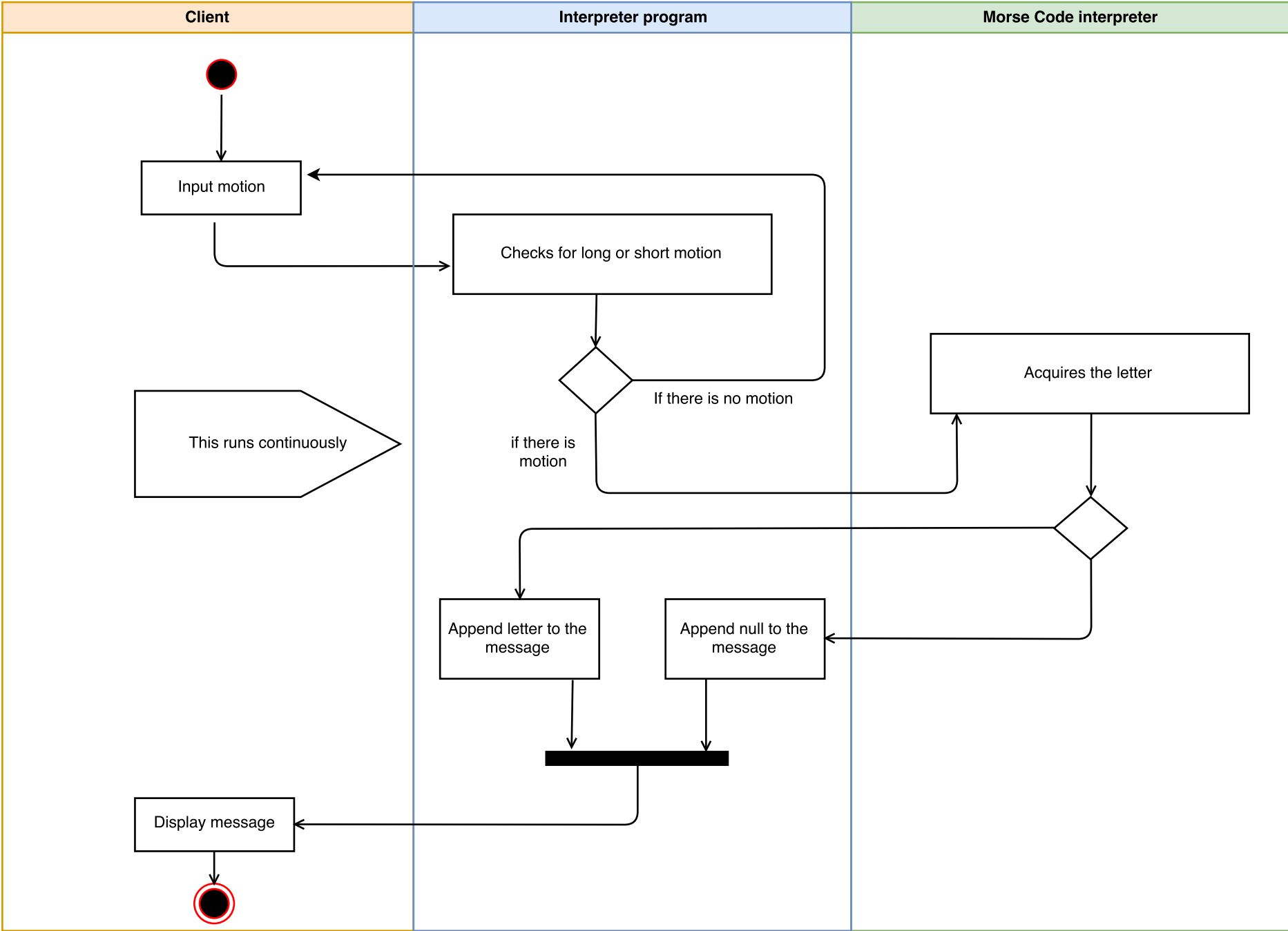
Assumptions:
1. The message is displayed to the client console.
2. Every motion is keyed in the interpreter for translation.
3. If there is no motion, then the program will wait for motion.
4. If the motion is not recognized by the dictionary the message will come

4. If the motion is not recognized by the dictionary the message will come out as null
5.The PIR sensor in the web app is turned on.