Algorithm of a robot detecting the distance

Techniques used:
- Bluetooth
- MAC Address

Start

Enter the number of the guests (G)

Count the number of the attendees (A), depending on the number of phones turning on the Bluetooth

Check if A=G

NO → Say "Not all guests turned on the Bluetooth"

YES ↓

Start checking the distance between phones

Check If the distance < 1 meter

NO → Keep tracking the distance

YES ↓

Identify the MAC Address for phones and send alarm