



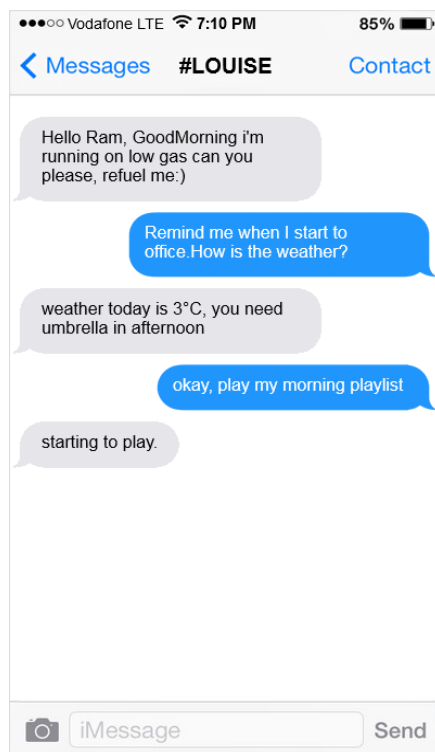
# A Smart Data Acquisition Bot

## #Louise

## Motivation

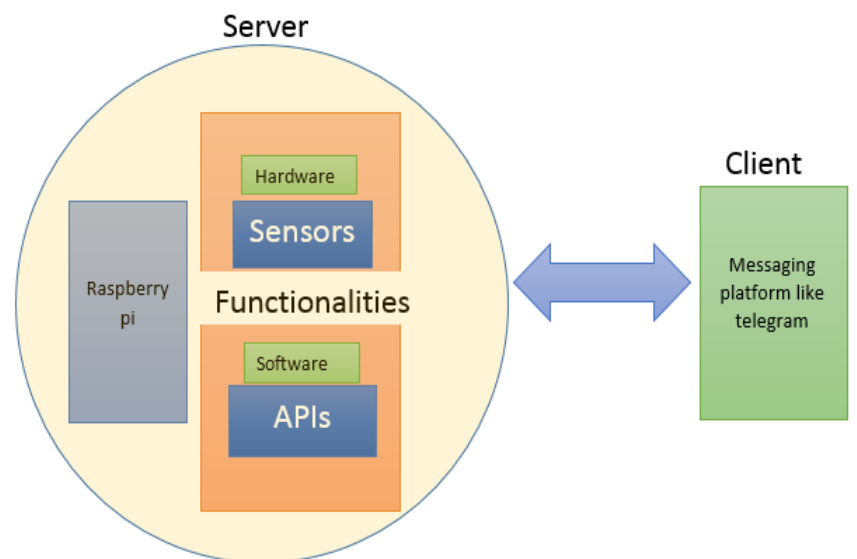
- Motivation for this project are sensors and data acquisition.
- Automobiles have different types of sensors for monitoring fuel, temperature, pressure, air quality etc.
- If you are away from your car and want to know how much fuel is left...what you do????.....that's where my project started!!!  
Called #Louise

Hello Ram, Good Morning I'm running on low gas can you please, refuel me :)



## Working

- Its works based on server and client model programmed in python
- It works by checking the keywords in the sentence and executes the function around the keyword



## Advantages

- Truly modular design simple to maintain code
- Using simple syntax similar to human language
- Extend functionalities on hardware by adding sensors and also on software by integrating with APIs like weather, translator etc.
- Devices can talk! Devices can be your friends, can be your personal assistant
- It can used in car as infotainment systems and home automation systems

### Ask questions in Telegram Application:

- What is the value of temperature sensor?
- Play music, tell me a joke, take a picture.
- How is the weather in Spain, Barcelona?
- Translate, How are you?

## What and How?

- Louise is a programmable bot which can be used to achieve such a task in remote data acquisition.
- It uses a 'Existing' messaging platform called telegram as client application and type a simple question to get the data.