



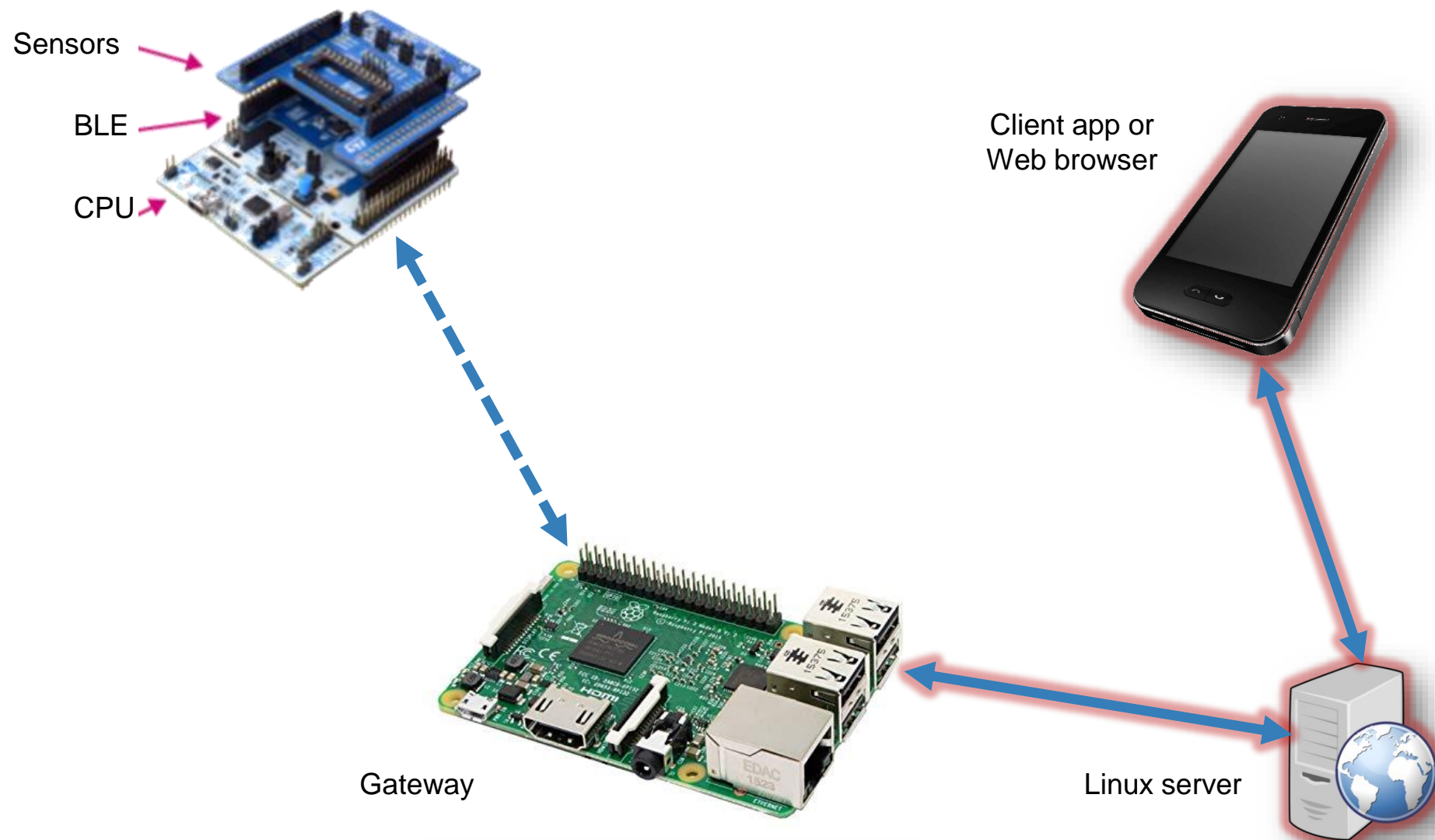
Witekio

EMBEDDING SUCCESS

Internet of Things

Lab 03

Lab 03



Internet of Things

Lab 03



Witekio

EMBEDDING SUCCESS

Items

Results of Lab 01 and 02

Virtual Machine

- MQTT Broker
- Node-red
- mongoDB

Host Computer

- HTML

Lab Files : <https://files.witekio.com/dl2054004870>





Internet of Things

Team Project



Witekio

EMBEDDING SUCCESS

Team Project

Project Steps

1. Identify the idea and the product
2. Pitch the project
3. Product development
4. Project Presentation



Step 1 : Identify the idea and the product

Fill the Ynov Project Template power point document, to clarify and describe the project goals, steps. This document will be used to pitch your product and convince me.

Criteria

- Quality of the description of the product
- Features of the product
- Use cases descriptions and details
- Complexity of the product
- Development planning for the 4 days

Submit it for review and store it on your git repo.

Step 1 : Identify the idea and the product

Available Hardware

- STM32 platform used during Labs
 - BLE, Accelerometre, Gyroscope, Temperature and Humidity sensor, and Barometer
 - <https://fr.rs-online.com/web/p/kits-de-developpement-pour-interfaces/1261776/>
- Raspberry Pi 3 used during Labs
- Alphabot2 robot with Raspberry Pi
 - <https://www.waveshare.com/wiki/AlphaBot2>
 - ONLY 9 units available

Available software

- No restrictions, use your software skills
- Store your work on github



Accountability & Commitment

Up to date expertise

Agility & Scalability Reliability

Local Teams Worldwide presence

Global Actions

Compliance with customers teams

Thank you



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