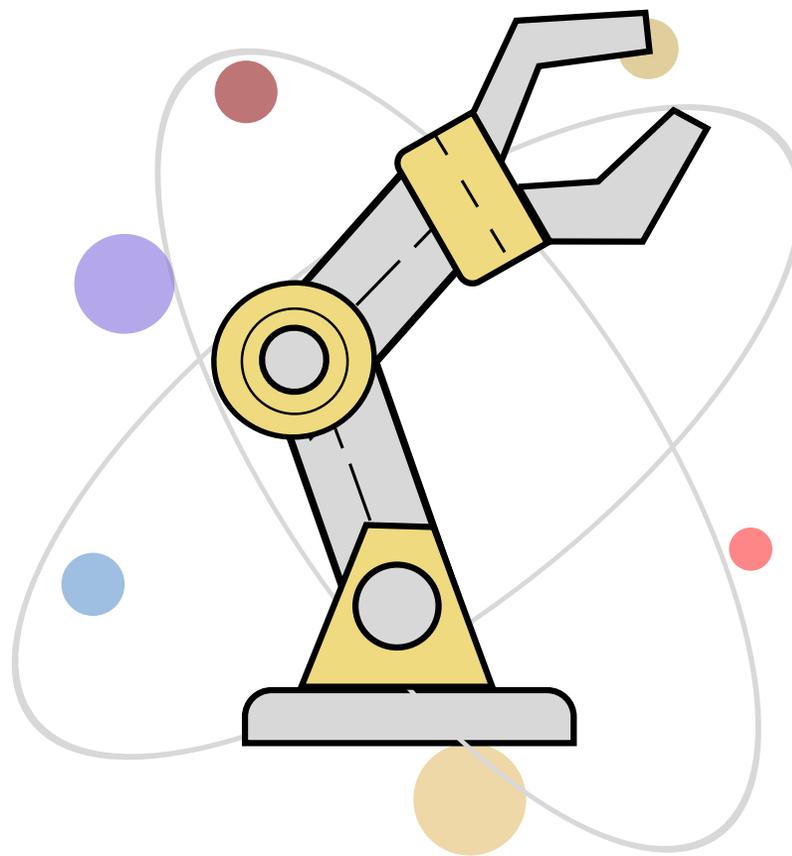Neutron
Robotic

Facts

- Robotics presents an excellent opportunity to introduce and apply STEM concepts.

- It is widely used on the internet of thing; it is the main concept for the ongoing transition into industry 4.0

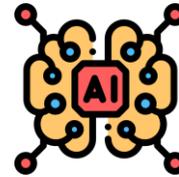- Robotic drives many research project, from private company, public Organization or Universities

Problems

- Robotics projects require a wide range of skills

Software Engineering **Data Science** **Computer Aided Design** **Electronic & Embedded**

- Plan, intricate and engaging STEM lessons is a process that require time.

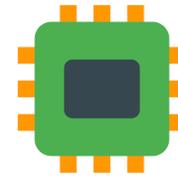- Limited accessibility and high costs of robotics kits and equipment.

Raspberry pi 4

35$

Jetson Nano 945

235$

Neutron Robotic

A complete framework that integrate into your robotic project and helps fasten the development of your system

Easy to deploy

Cross Platform

Highly customizable

Secured

Real time control

Data Analysis

Edge Computing

Email Address *
hugo.perier@protonmail.com

Password *
••••

☐ Remember me

SIGN IN

Forgot password?   Sign up

Or

Continue localy

Neutron Robotic

A complete framework that integrate into your robotic system and helps fasten the development of your projects
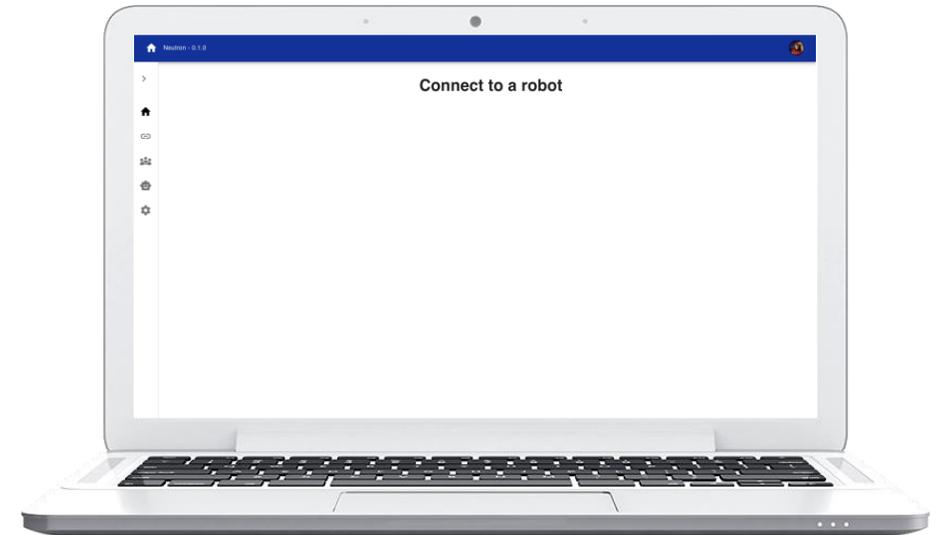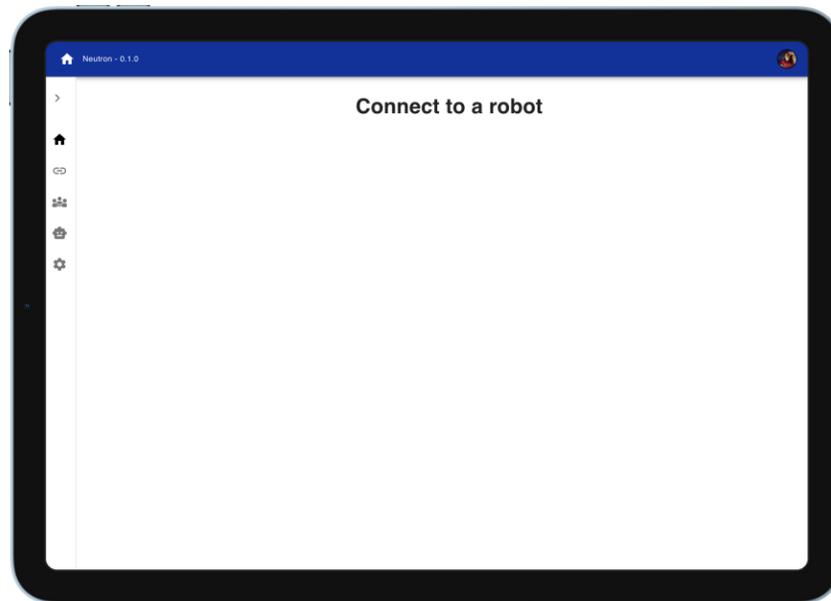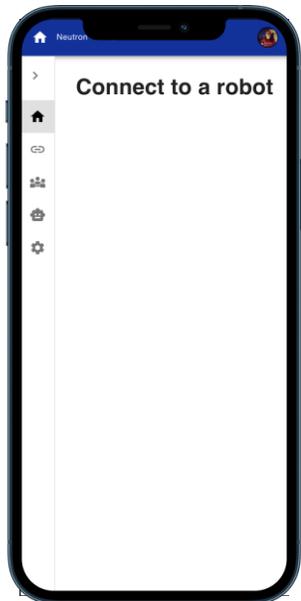

Easy to deploy

- The framework can be run locally or be installed in a bare-metal server or hosted by a cloud provider

- Interface with the robotic system communication protocol, support for Robot Operating system (ROS2), plain Sockets and WebSockets

- Access, configure and experience with your robotic system from the web browser

Neutron Robotic

A complete framework that integrate into your robotic system and helps fasten the development of your projects

Cross Platform

The user interface is accessible from the web and is available as a progressive web app
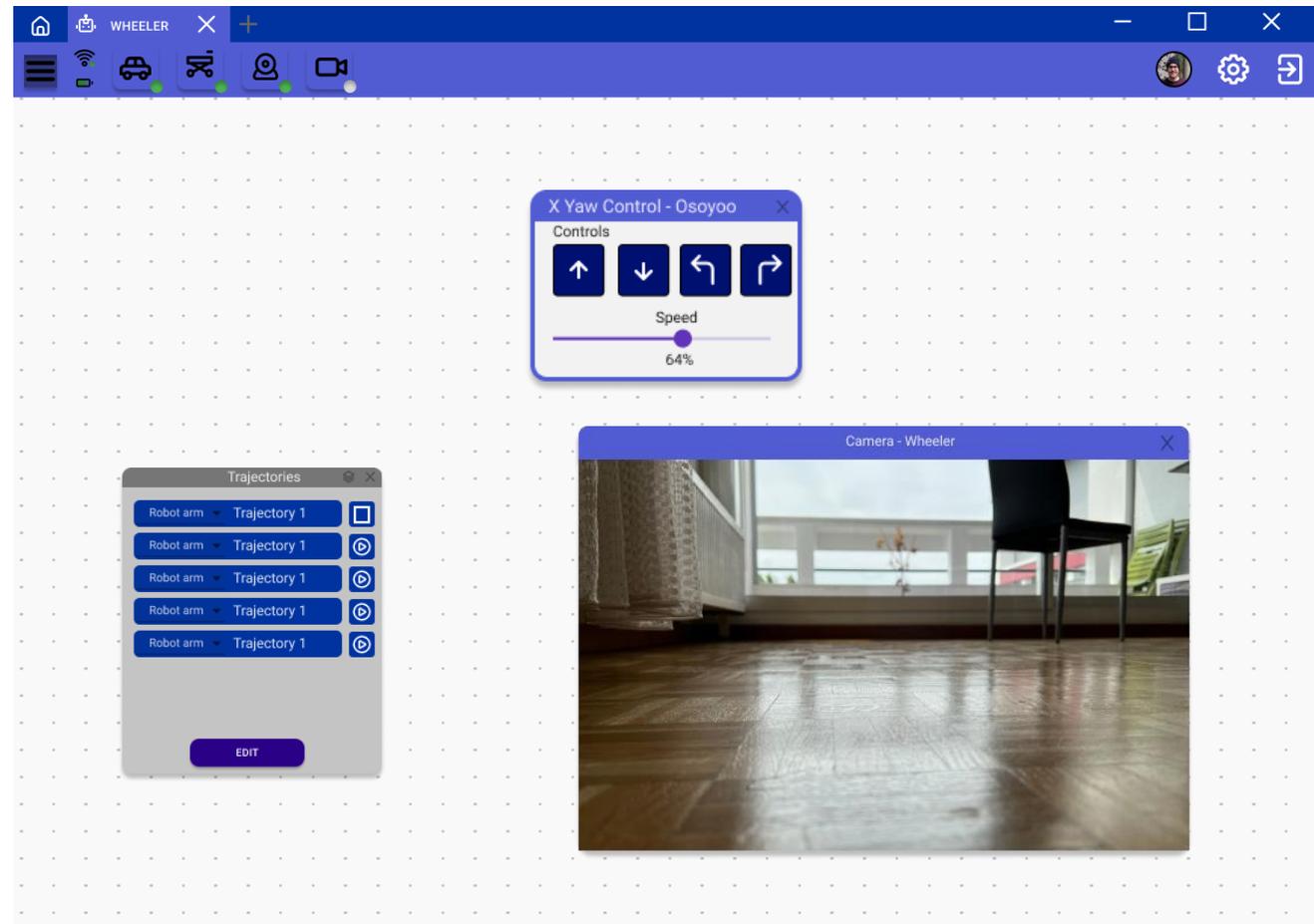
Neutron Robotic

A complete framework that integrate into your robotic system and helps fasten the development of your projects

Highly customizable

- The interface for real time control can be customized with components designed in measure

- The layout can be arranged, and saved for future uses

- Perform real time control using a Mouse, Keyboard, Tactile or a Gamepad

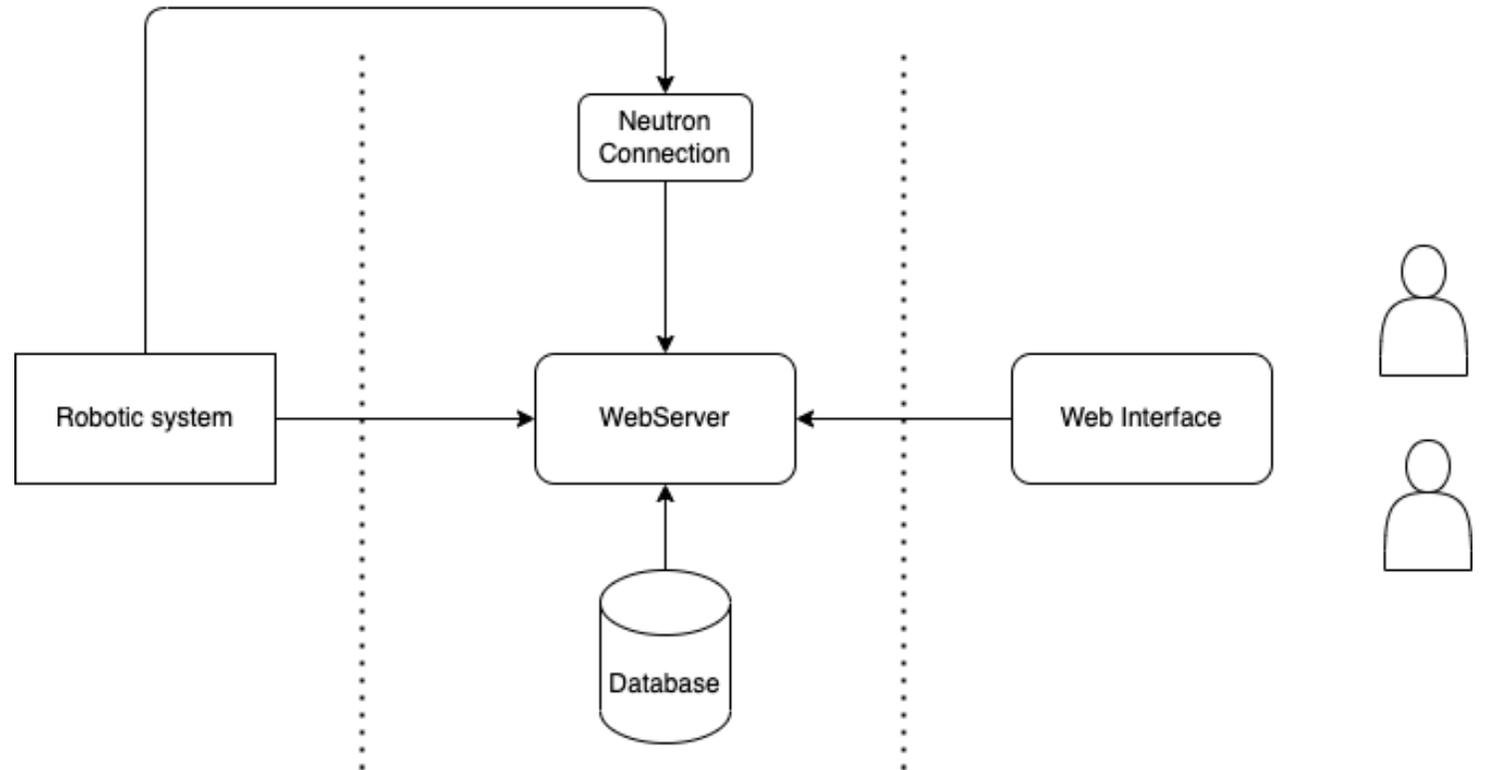- Enable collaboration by allowing multiple users to be connected to a single connection

Neutron Robotic

A complete framework that integrate into your robotic system and helps fasten the development of your projects

Secured

- The connection to the robotic system is handled by a process that act as a tunnel

- A secured tunnel is created for each connection

- User based system with right management to enable secured collaboration
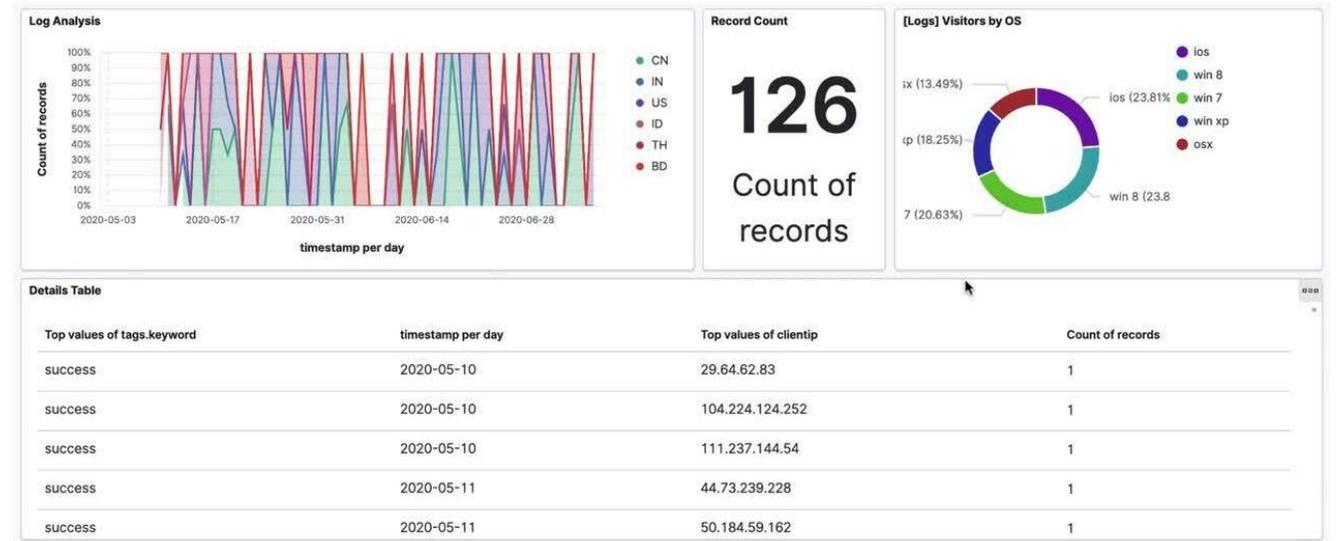
Neutron Robotic

A complete framework that integrate into your robotic system and helps fasten the development of your projects

Data Analysis

Data can be captured and persisted during a connection

Provide insightful report by using powerful data visualization feature

Enable a faster iteration over the solution by embracing data-driven decision-making
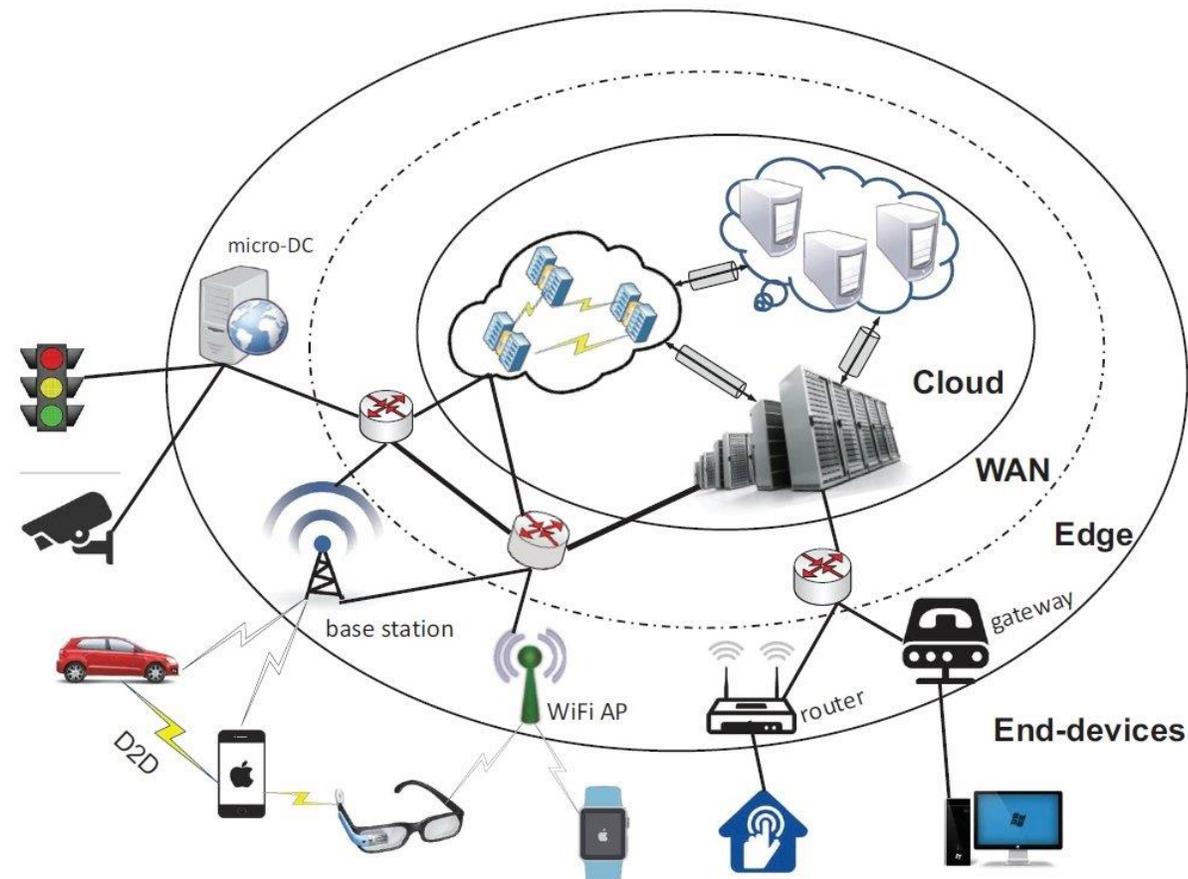
Neutron Robotic

A complete framework that integrate into your robotic system and helps fasten the development of your projects

Edge Computing

Powerful machine learning algorithm can be functioning on the edge and integrate in the system
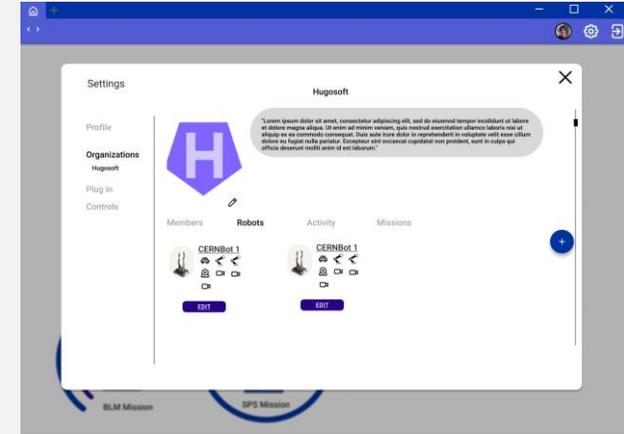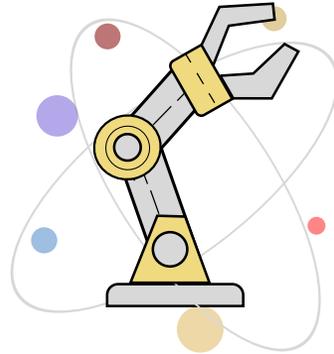
Highly scalable

Minimized latency

Component-based UI

:::ROS

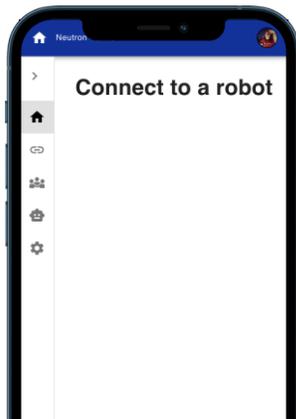ROS2 compatible

Collaboration features

Secured

Real time control

Neutron Robotic

Thanks for your attention

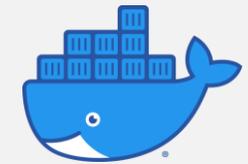Input Handlers

Multi Platform

Connect to a robot

Data analysis

EDGE COMPUTING

Easy deployment with container