1. To access the UWB, CV, and Robot system, you need to connect to this Wi-Fi:

**Wi-Fi: AAU5G\_CISCOPassword: 5G\_rules**

A blue screen with white text

Description automatically generated with medium confidence

1. To access the Web of Pozxy system, you can type this IP address in the browser:

**192.168.100.153**

Graphical user interface, application

Description automatically generated

1. To access the Web of Robot system, you can type the IP address of the Robot in the browser and use username “Distributor” and password “distributor” to login.

**Robot:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IP Address | Web Username | Web Password | ssh Username | ssh Password |
| 192.168.100.2 | Distributor | distributor | mirex | Robotbil12 |

Graphical user interface, text, application, email

Description automatically generated

In the DASHBOARDS --> Allans dashboard, we can see the positions of the robot and operate it.

Graphical user interface

Description automatically generated with low confidence

In HELP 🡪 API documentation

Graphical user interface, text, application

Description automatically generated

After Clicking the green button “Launch API documentation”, you can see many API of the robot.

Graphical user interface, application

Description automatically generated

1. The main program of this project is “dashboard.py”, you can use the command “python3 dashboard.py” to run it.

Text

Description automatically generated

1. **Simple example program to get UWB Pozyx position data:**

**You can directly run this file to test,**

“simple\_examples\uwb\_example.py”

Every time when the UWB system has new position data, this function “on\_message” will be called, and we can get the data in this function.

Text

Description automatically generated with medium confidence

1. **Simple example program to get Computer Vision position data:**

**You can directly run this file to test,**

“simple\_examples\cv\_example.py”

Every time when the CV system has new position data, this function “on\_message” will be called, and we can get the data in this function.

Text

Description automatically generated

1. **Simple example program to get Robot position data:**

**There are some examples of Robot API. You can directly run this file to test,**

“simple\_examples\robot\_example.py”