**Instructions**

**Connecting to the Raspberry Pi via VNC**

To control the Raspberry Pi remotely with a graphical interface, **VNC (Virtual Network Computing)** can be used. This allows users to interact with the Raspberry Pi as if they were using a monitor and keyboard, even if they only have it connected to power and Wi-Fi.

**🧩 Hardware Details**

* **Raspberry Pi Model**: Raspberry Pi 4B
* **MicroSD Card Size**: 128GB
* **Operating System**: Raspberry Pi OS (64-bit)

**🔐 Default Login Credentials**

Unless changed during setup, the default credentials are:

* **Username**: raspberrypi or **IP Address**: 192.168.0.187/24
* **Password**: raspberrypi

**📡 Network Requirements**

* Both the **Raspberry Pi** and the **PC/laptop** must be connected to the **same Wi-Fi network**:  
  **Network Name (SSID):** Robotics315

**Network Password:** helloworld