

Test Case – Server Setup and Connection

Test Case ID: 001

Title: Server setup and PuTTY connection test

Objective: Verify that dependencies can be installed, the server starts correctly, and a client can connect via PuTTY.

Preconditions

- Python is installed
- requirements.txt is present in the project directory
- Network access to 192.168.2.119
- access to port 65525

Test Steps

1. Open a terminal in the project directory.
2. Install dependencies in res folder using the command: `pip install -r requirements.txt`
3. Run the application using: `python main.py`
4. Verify that the server starts and listens on port 65525.
5. Open PuTTY.
6. Connect raw to IP address 192.168.2.119 on port 65525.
7. Verify that the connection is successfully established by typing and entering.

Expected Result

The server starts without errors and PuTTY successfully connects to 192.168.2.119:65525.

After client connects and types in something, the server responds