Convert a wired printer into wireless

1. **<u>Testing of Components</u>:**

- **The printer:**
    - Test the printer with a normal computer that has Windows on it
    - Test the printer with a normal computer that has Linux on it
    - Test the printer on Raspberry Pi using CUPS software
    - Test the printer on Raspberry Pi using a shell command
- **The server code:**
    - Test the server code by receiving a simple message
    - Test the server code by receiving a file
- **The client code:**
    - Test the client code by sending a simple message
    - Test the client code by sending a file
- **The LEDs:**
    - Test each LED individually
    - Test LEDs together

2. **<u>Integration Testing</u>:**

- **The printer & The server code:**
    - Test the server code by receiving a file and priting it
- **The server code & The client code:**
    - Send a simple message from the client to the server
    - Send a file from the client to the server
- **The LEDs & The server code:**
    - Test LEDs on the server code
- **The whole system:**
    - Send a file from the client to the server, print the file, and turn LEDs into high and low

PS: We used Python's "try.. except.." clauses to identify the diffferent problems we encountered during implementation.