**FUFO-VP**

**Requirement for DEMO #1**

**I. Purpose:**

- This demo's aims are the following:

+ Showing that it is possible for FUFO team to send data through UDP/IP.

+ Prove the possibility of sending at least 10 images per seconds.

+ Find out the error rate in UDP/IP to look for a solution.

**II. Data requirement:**

- Image type: BMP-24

- Resolution: 176x144

**III. Software requirement:**

**1. Android app steps:**

- Step 1: Choose a source folder (which contains 100 files bmp-24 176x144)

- Step 2: Connect to PC (using PC as host)

- Step 3: send 10 images from the source folder every 1s. Continue sending images like that until all 100 files are sent.

**2. Java app in PC:**

- Step 1: Enable Host mode and wait for connection.

- Step 2: Accept connection and show every received image on screen.

- NOTE: Software need to count every image that it is failed to display it on screen.