Communication and Network Fundamentals project.

” Smart cinema for displaying movies"

Configuring details:

Graphical user interface, text, application, email

Description automatically generatedGraphical user interface, text, application

Description automatically generated

Fig 2 Router1

Fig 1 Router0

Graphical user interface, text, application

Description automatically generatedGraphical user interface, text, application

Description automatically generated

Fig 3 Router2-IP Phone

Fig 4 Switch0-Vlan

Graphical user interface, text, application

Description automatically generatedGraphical user interface, text, application

Description automatically generated

Fig 5 Switch0-passwords

Fig 6 Switch1-passwords

Graphical user interface, application

Description automatically generatedAddressing of devices:

Fig 7 IPs

Graphical user interface, text, application

Description automatically generatedGraphical user interface, text, application, email

Description automatically generatedGraphical user interface, application, email

Description automatically generated

Fig 9 IPs

Fig 8 IPs

Fig 10 MCU code

Graphical user interface, text, application, email

Description automatically generated

Fig 11 IPs

Graphical user interface, text, application, email

Description automatically generated

Fig 12 IPs

Graphical user interface, text, application, email

Description automatically generated

Fig 13 conditions for systems

A picture containing table

Description automatically generated

A picture containing text

Description automatically generated

Fig 14 IP phone 0 (IP and Line number)

Fig 15 IP phone 1 (IP and Line number)

YouTube link: <https://youtu.be/UDFj25usAkw>

# References:

Almalki, F. (2020). Implementation of 5G IoT Based Smart Buildings. *International Journal of Electronics Communication and Computer Engineering*. Retrieved from https://ijecce.org/administrator/components/com\_jresearch/files/publications/IJECCE\_4379\_FINAL.pdf

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