

DESIGN AND SIMULATION OF LOCAL AREA NETWORK USING CISCO PACKET TRACER

(CSC455 - Networks 2)



June 21, 2021

Team MEMBERS:

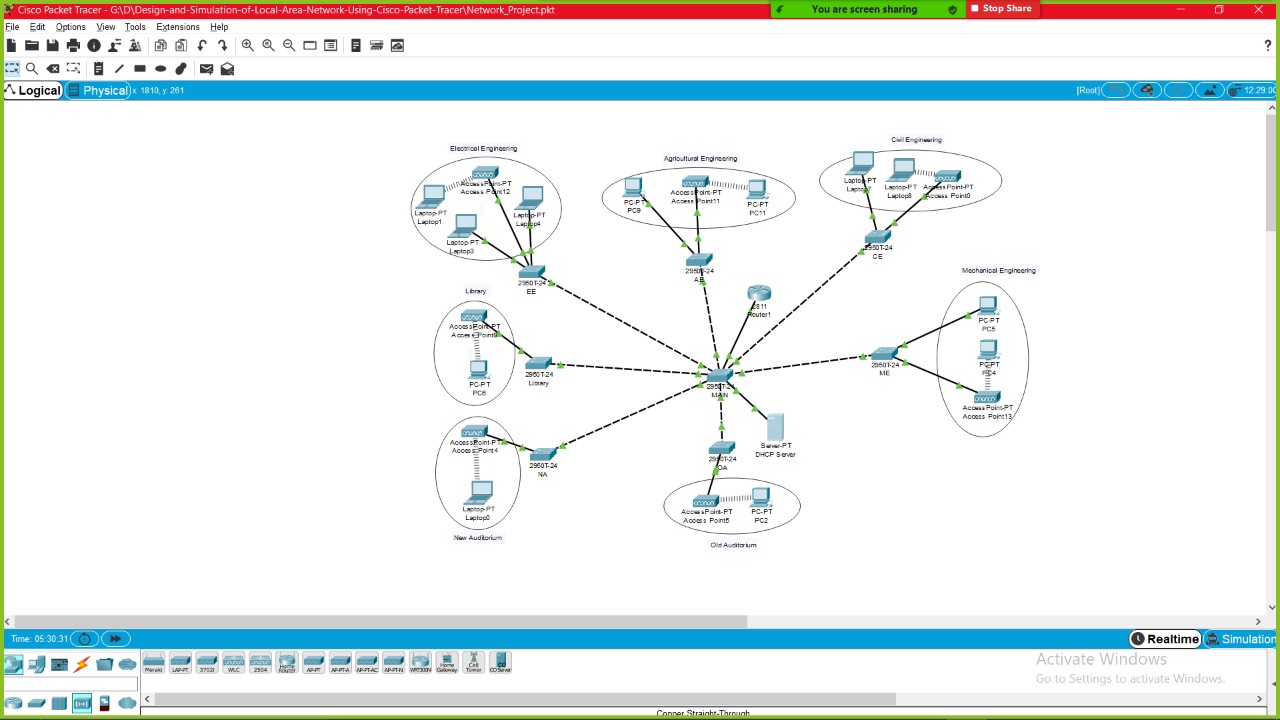
1. Abanoub Goerge
2. Mai Mahmoud
3. Nour Bahaa
4. Ibrahim Fawzy

Supervised by:

Doctor Islam Tharwat

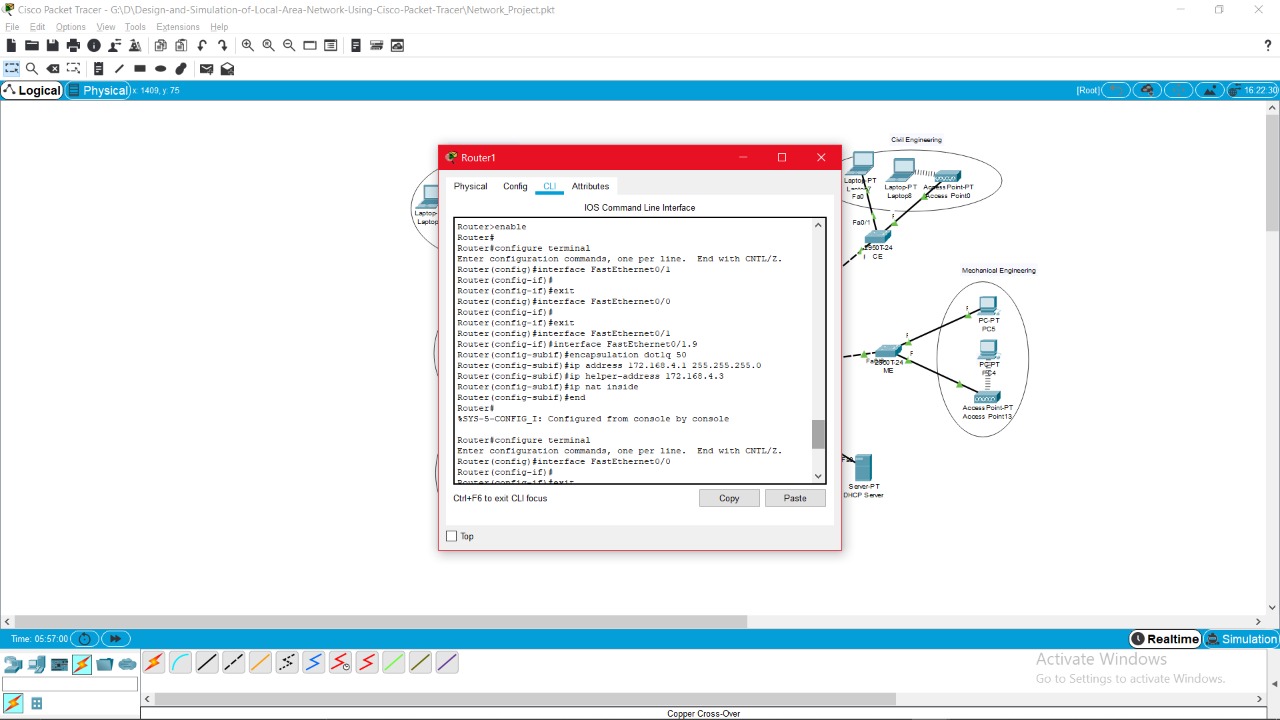
Eng. Ahmed Hazem

**Screenshot of the topology**



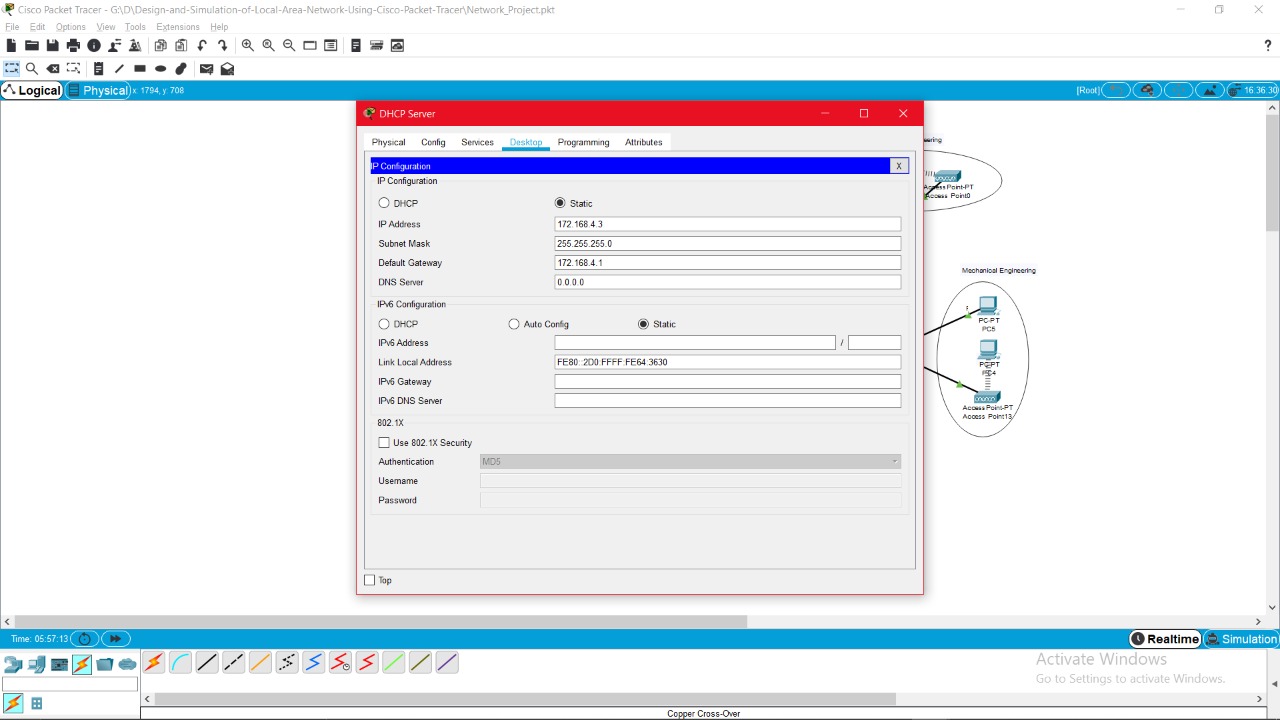
**Configuration Screenshots**

**Router**

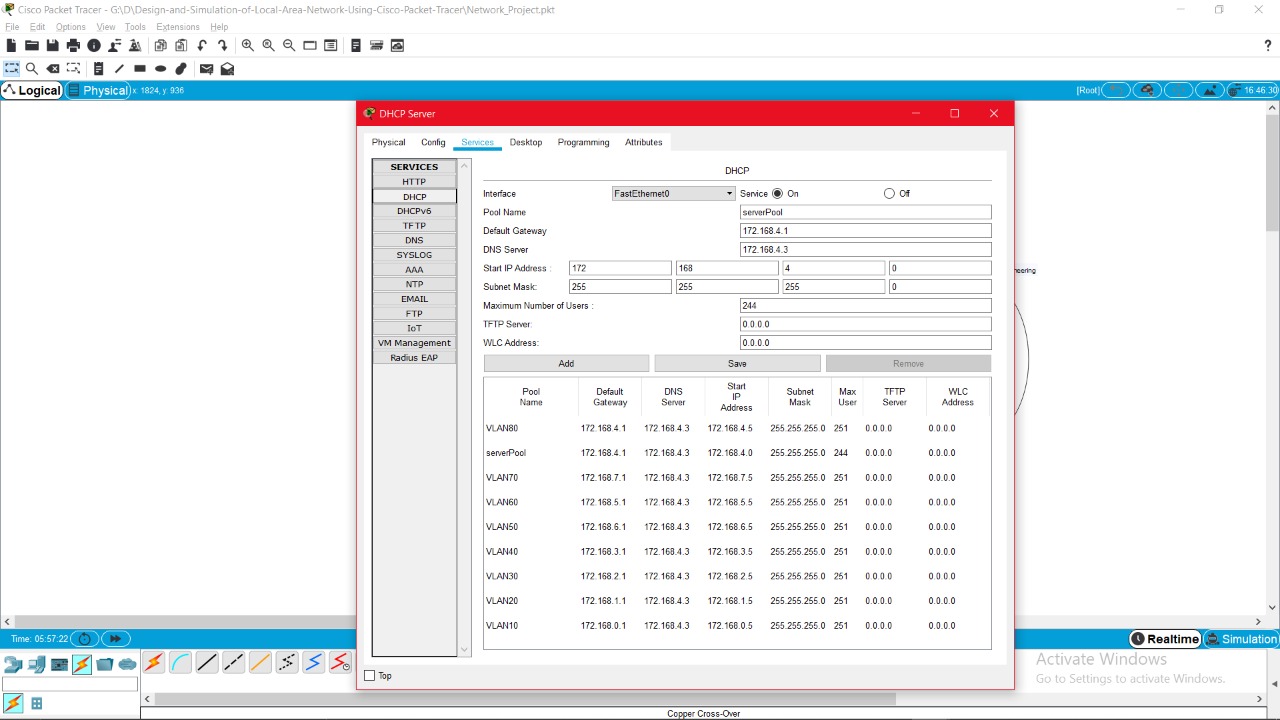


**DHCP**

**“DHCP Config”**

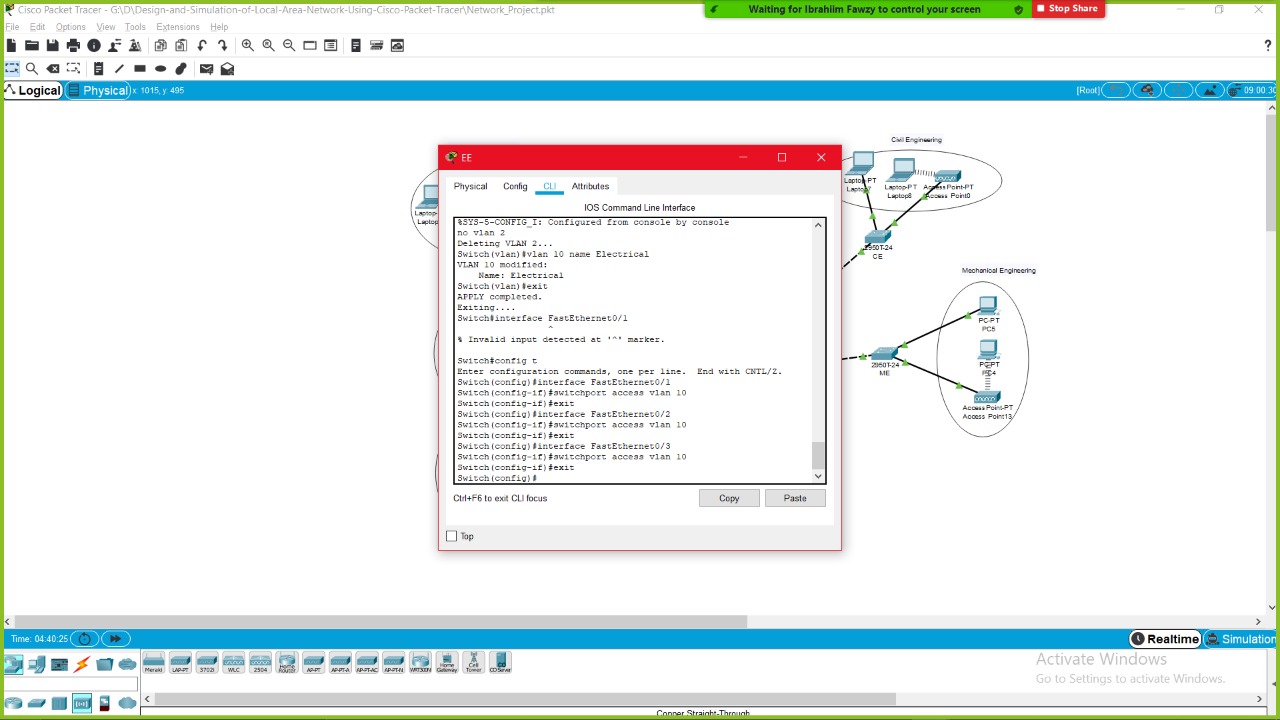
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**“VLan Pool”**

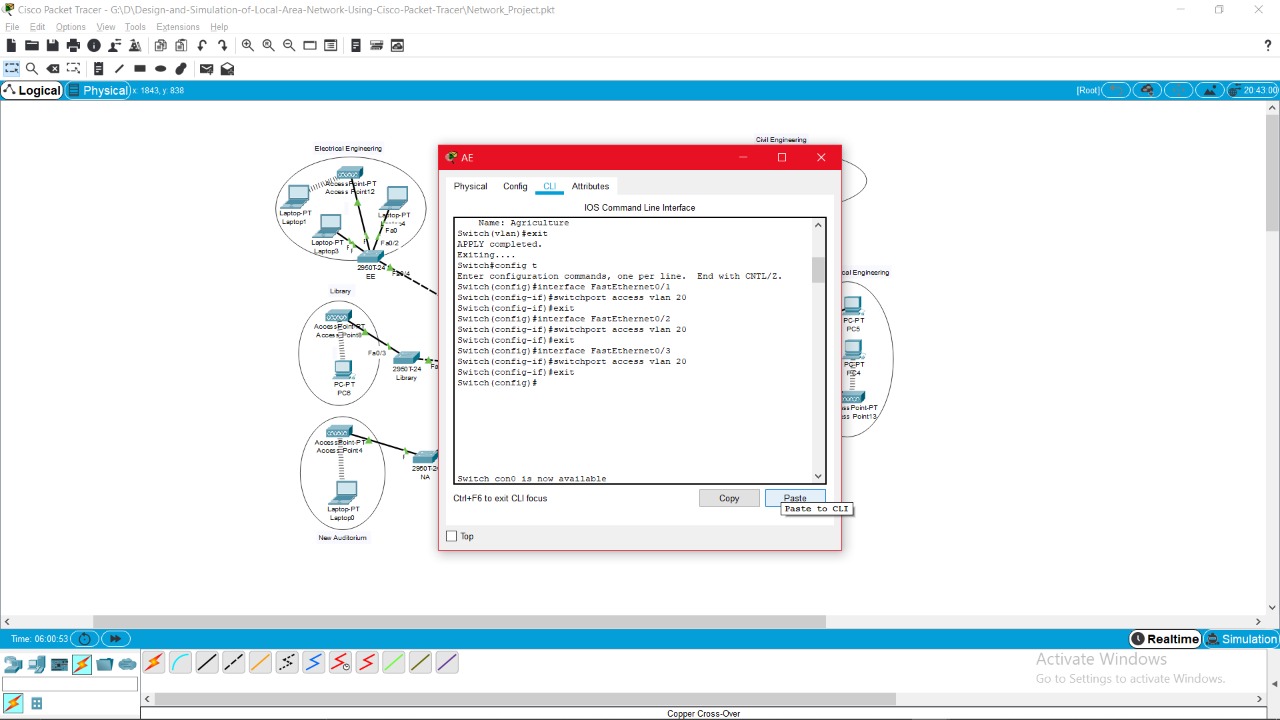
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**VLans**

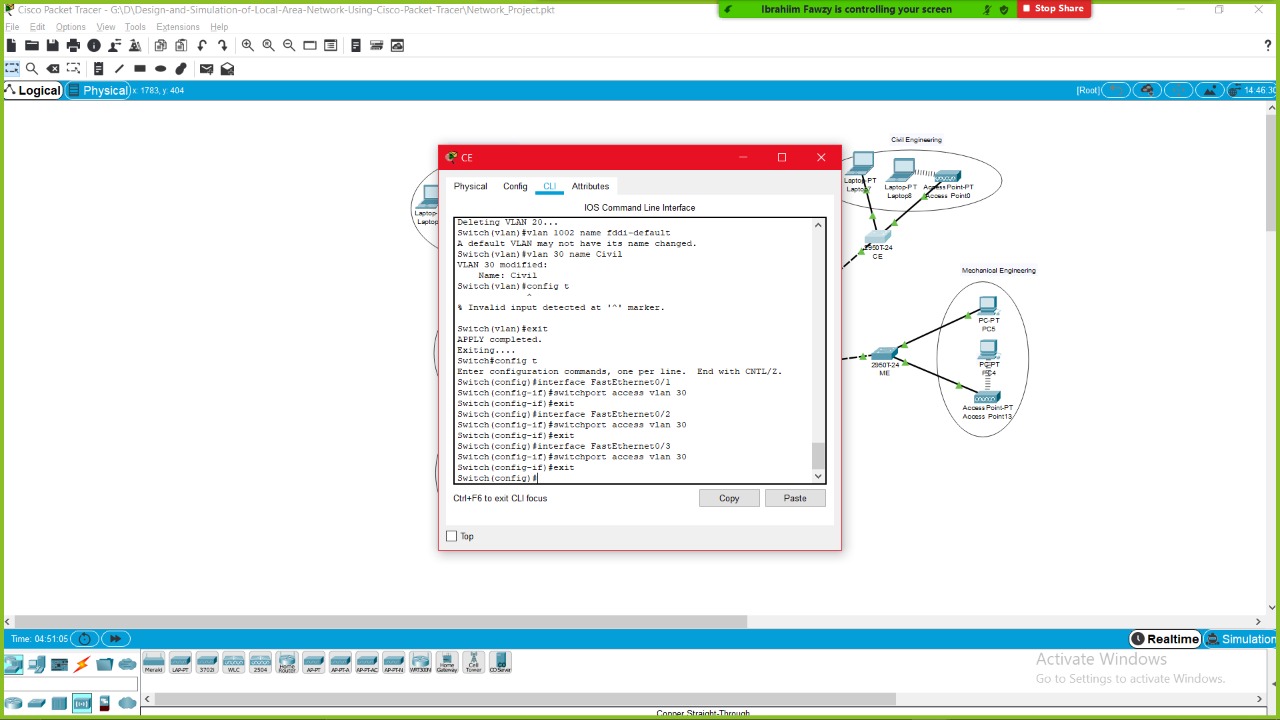
**(Elictrical 10)**

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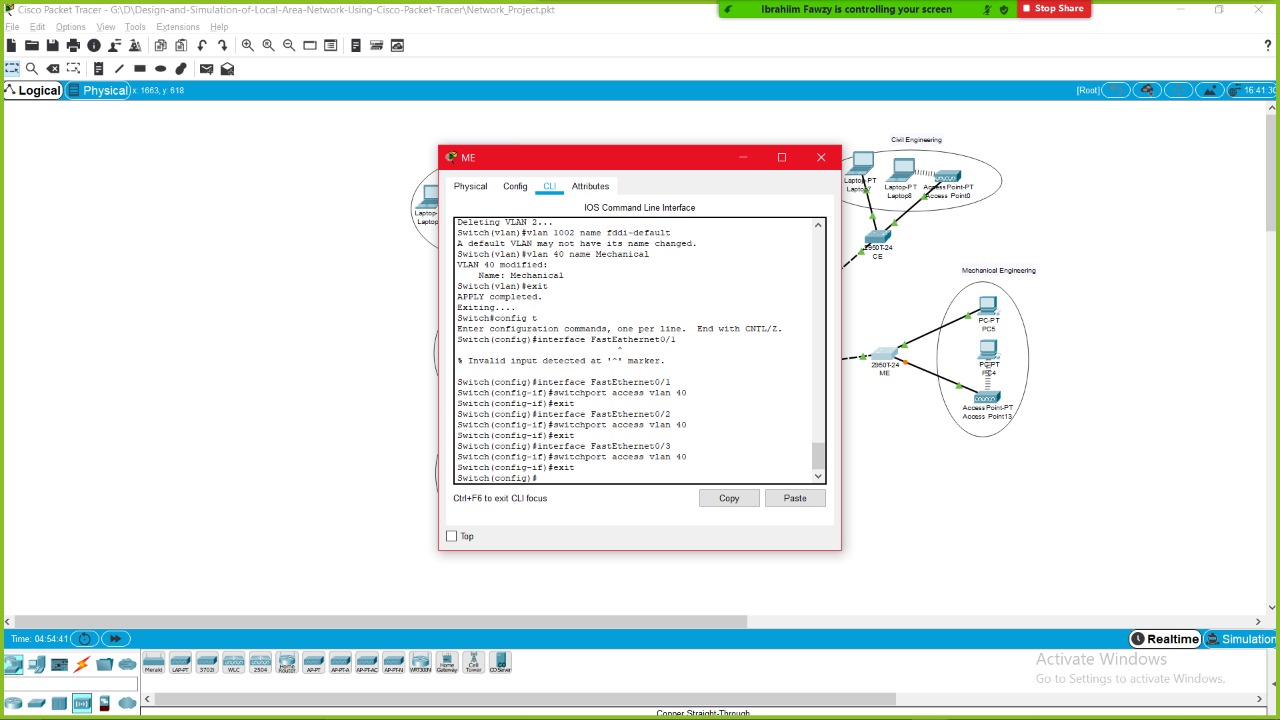
**(Agriculture 20)**

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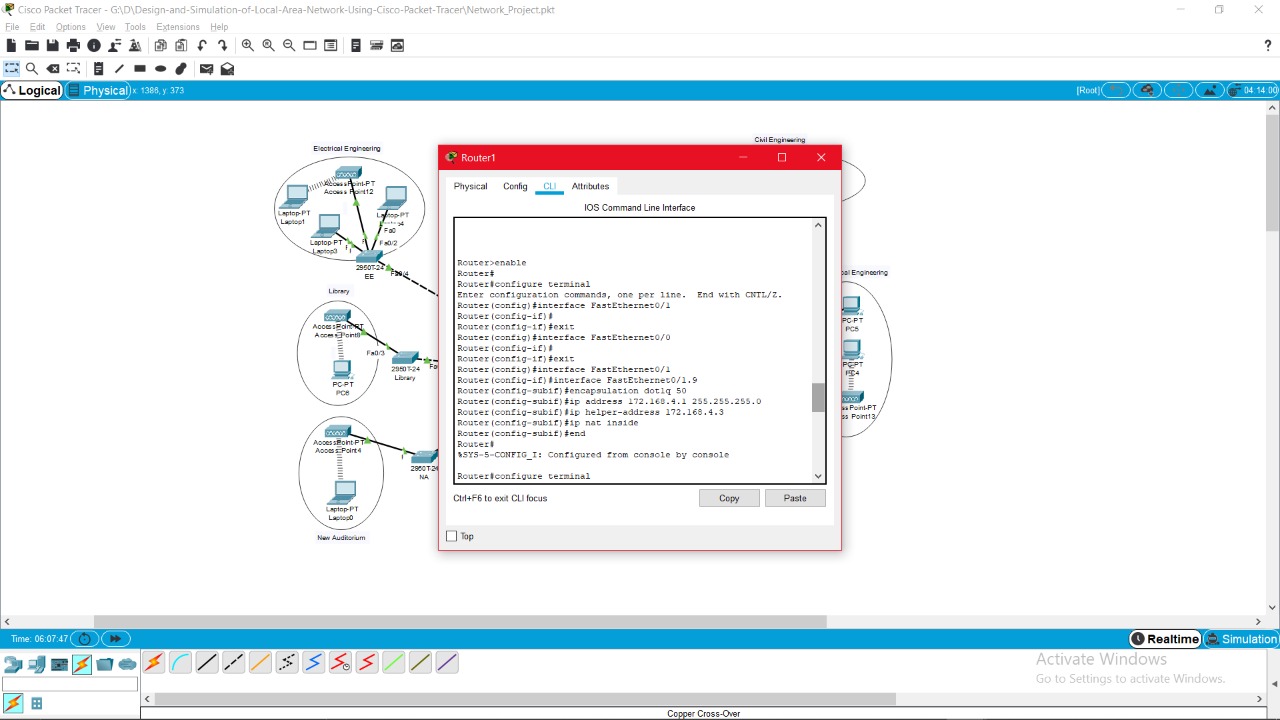
**(Civil 30)**

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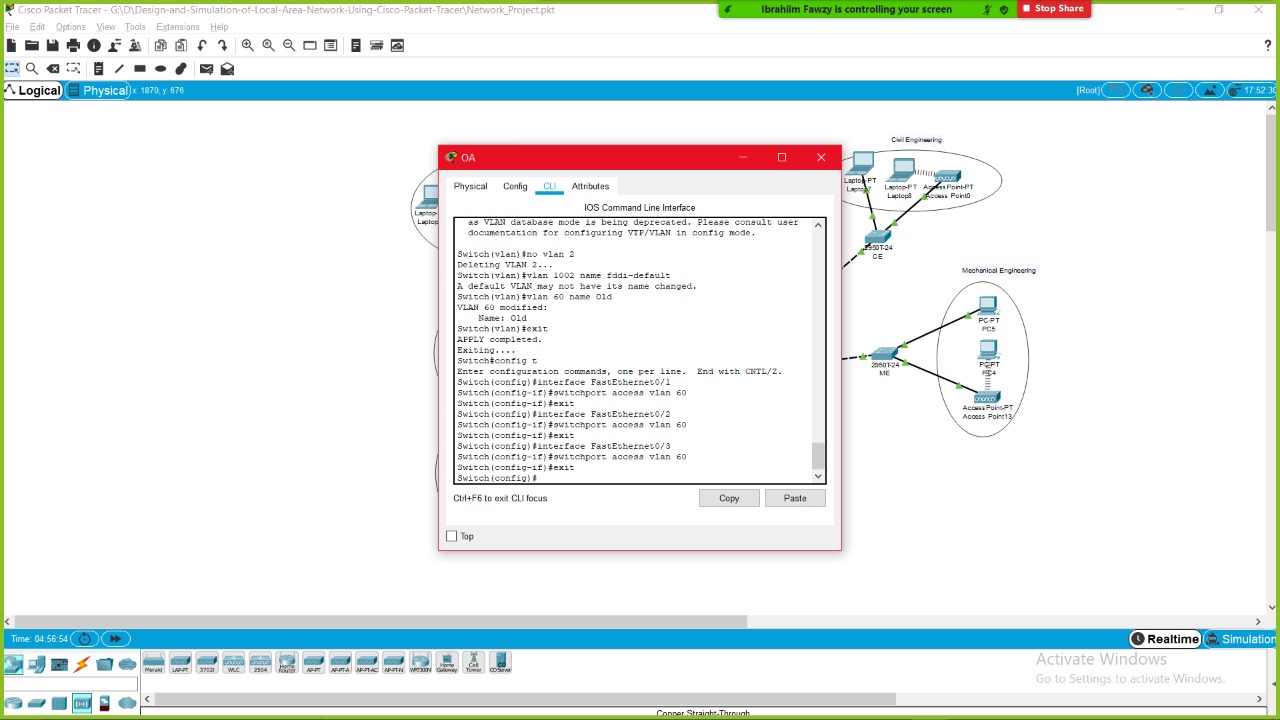
**(Mechanical 40)**

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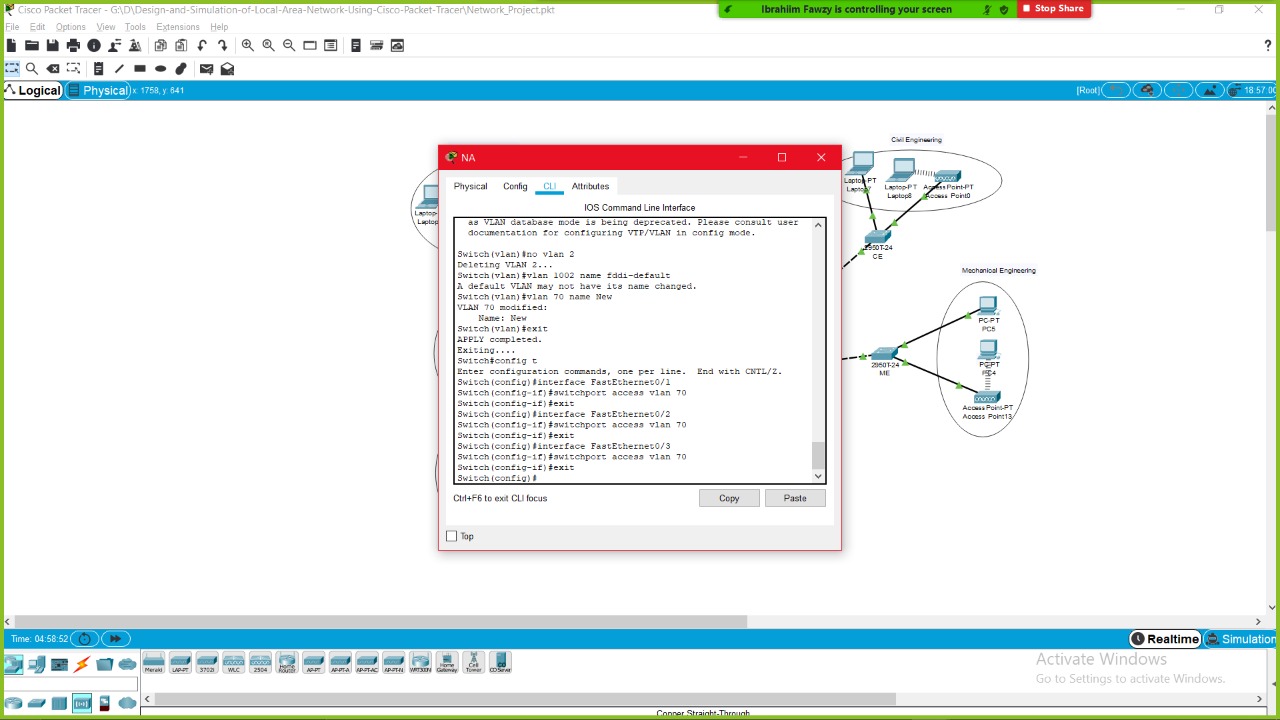
**(Network 50)**

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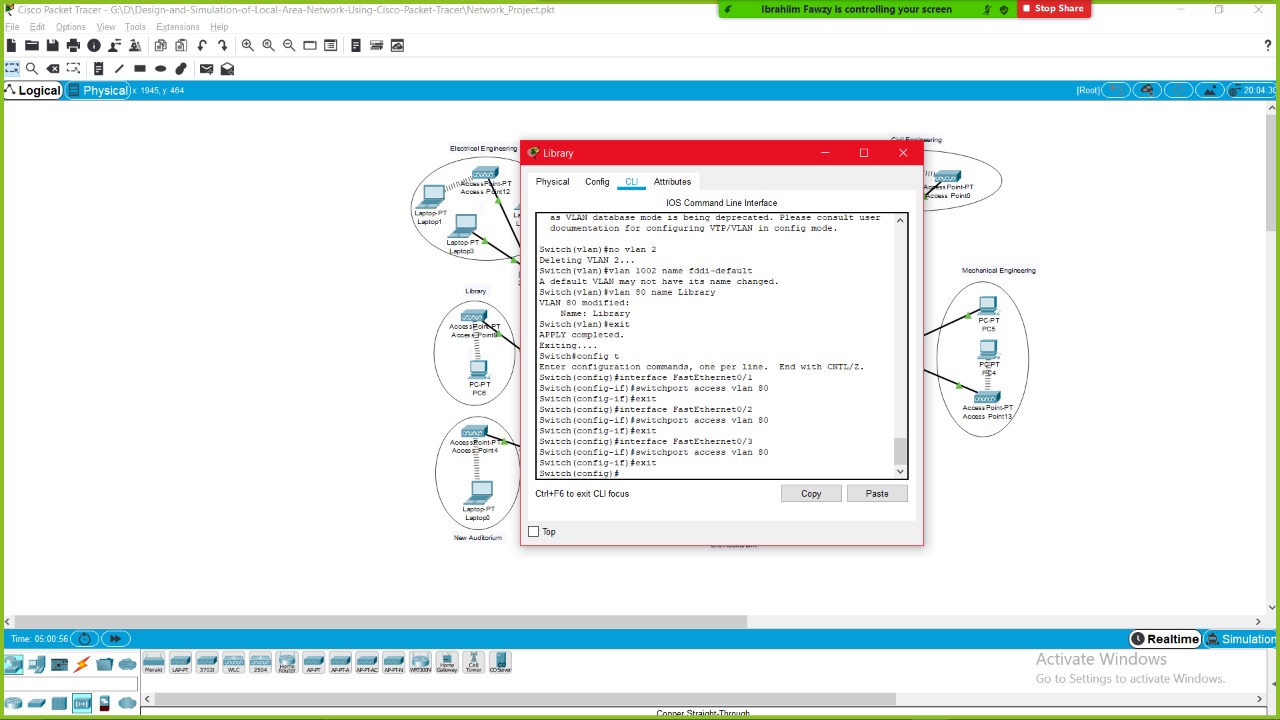
**(Old 60)**

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**(New 70)**

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**(Library 80)**

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**GitHub**

[**https://github.com/BonyGeorge/Design-and-Simulation-of-Local-Area-Network-Using-Cisco-Packet-Tracer**](https://github.com/BonyGeorge/Design-and-Simulation-of-Local-Area-Network-Using-Cisco-Packet-Tracer)

**Thank You 😊**