Rack Diagram For University Network
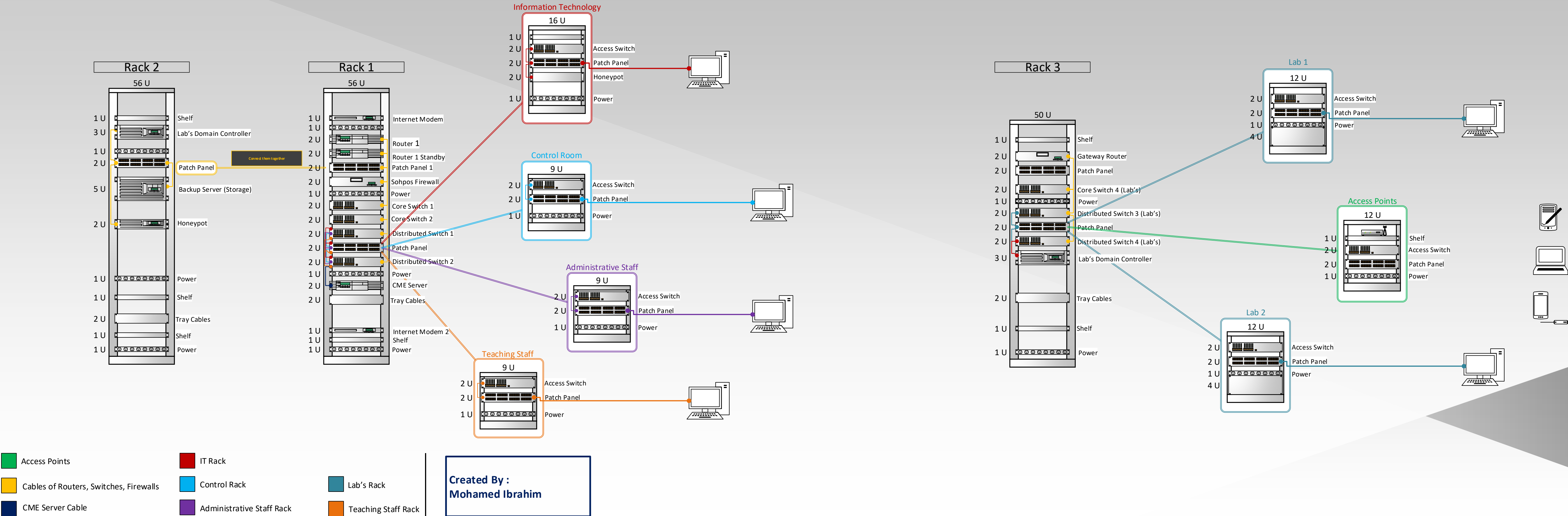

Rack 2 — 56 U
- 1 U Shelf
- 3 U Lab's Domain Controller
- 1 U Patch Panel
- 2 U
- 5 U Backup Server (Storage)
- 2 U Honeypot
- 1 U Power
- 1 U Shelf
- 2 U Tray Cables
- 1 U Shelf
- 1 U Power

Connect them together

Rack 1 — 56 U
- 1 U Internet Modem
- 1 U Router 1
- 2 U Router 1 Standby
- 2 U Patch Panel 1
- 2 U Sohpos Firewall
- 1 U Power
- 2 U Core Switch 1
- 2 U Core Switch 2
- 2 U Distributed Switch 1
- 2 U Patch Panel
- 2 U Distributed Switch 2
- 1 U Power
- 2 U CME Server
- 2 U Tray Cables
- 1 U Internet Modem 2
- 1 U Shelf
- 1 U Power

Information Technology — 16 U
- 1 U
- 2 U Access Switch
- 2 U Patch Panel
- 2 U Honeypot
- 1 U Power

Control Room — 9 U
- 2 U Access Switch
- 2 U Patch Panel
- 1 U Power

Administrative Staff — 9 U
- 2 U Access Switch
- 2 U Patch Panel
- 1 U Power

Teaching Staff — 9 U
- 2 U Access Switch
- 2 U Patch Panel
- 1 U Power

Rack 3 — 50 U
- 1 U Shelf
- 2 U Gateway Router
- 2 U Patch Panel
- 2 U Core Switch 4 (Lab's)
- 1 U Power
- 2 U Distributed Switch 3 (Lab's)
- 2 U Patch Panel
- 2 U Distributed Switch 4 (Lab's)
- 3 U Lab's Domain Controller
- 2 U Tray Cables
- 1 U Shelf
- 1 U Power

Lab 1 — 12 U
- 2 U Access Switch
- 1 U Patch Panel
- 4 U Power

Access Points — 12 U
- 1 U Shelf
- 2 U Access Switch
- 2 U Patch Panel
- 1 U Power

Lab 2 — 12 U
- 2 U Access Switch
- 2 U Patch Panel
- 1 U Power
- 4 U

Legend
- Access Points
- Cables of Routers, Switches, Firewalls
- CME Server Cable
- IT Rack
- Control Rack
- Administrative Staff Rack
- Lab's Rack
- Teaching Staff Rack

Created By :
Mohamed Ibrahim

Rack Diagram