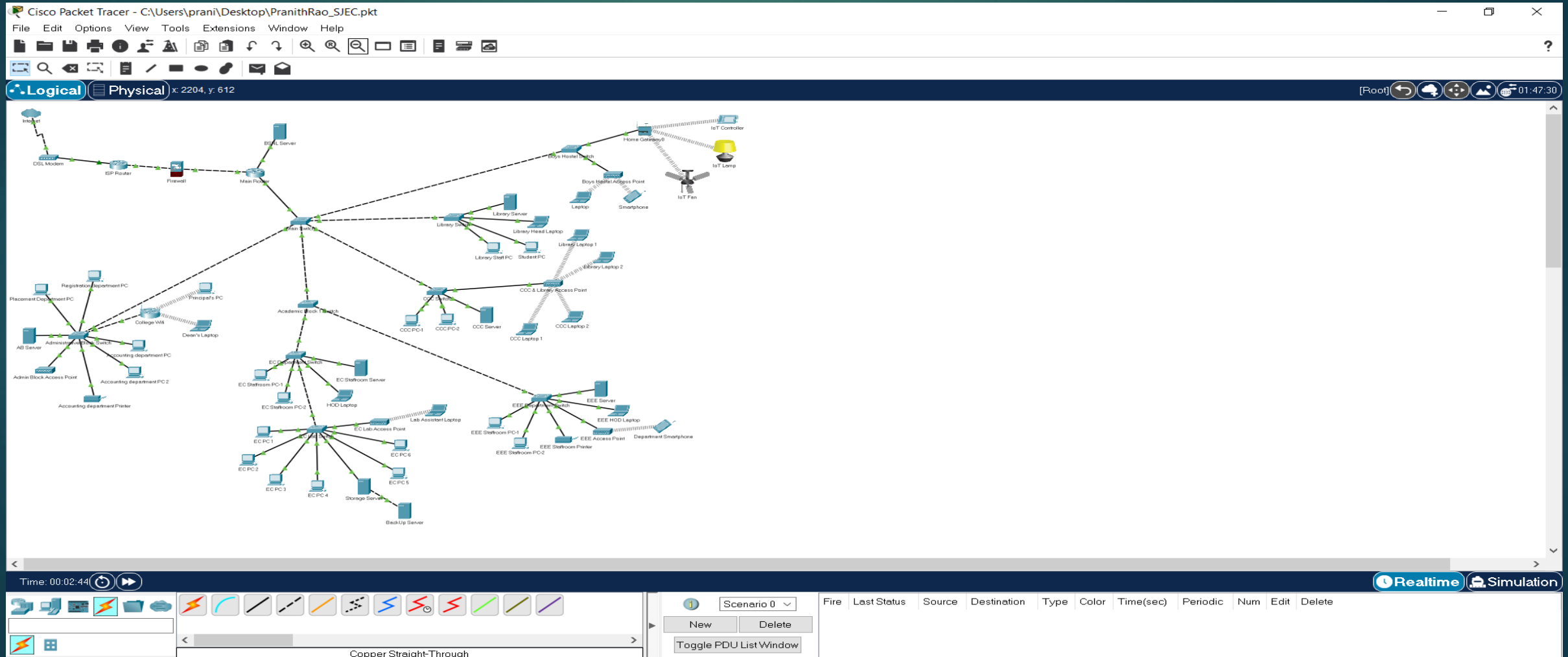


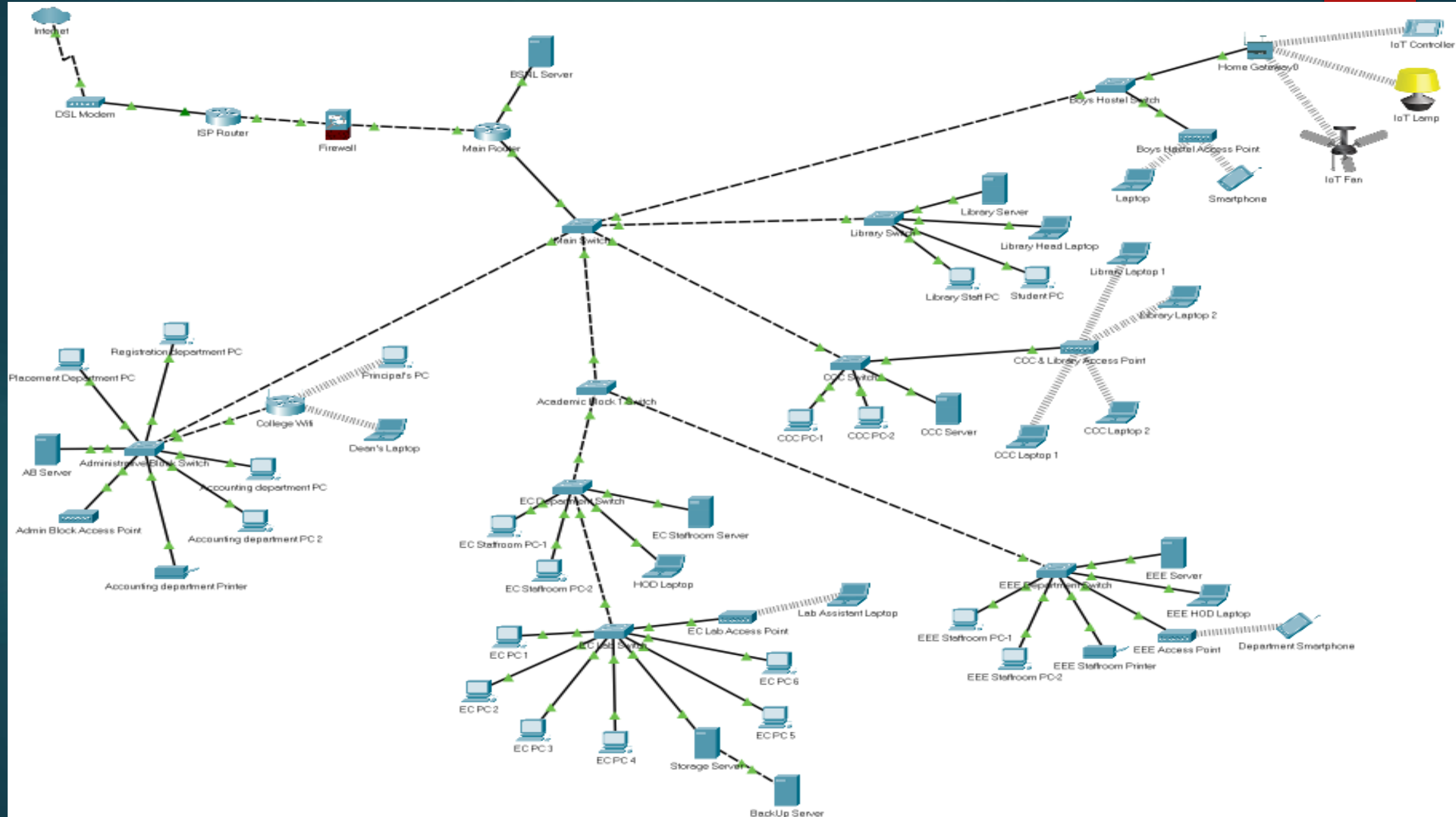


SJEC NETWORK ON PACKET TRACER

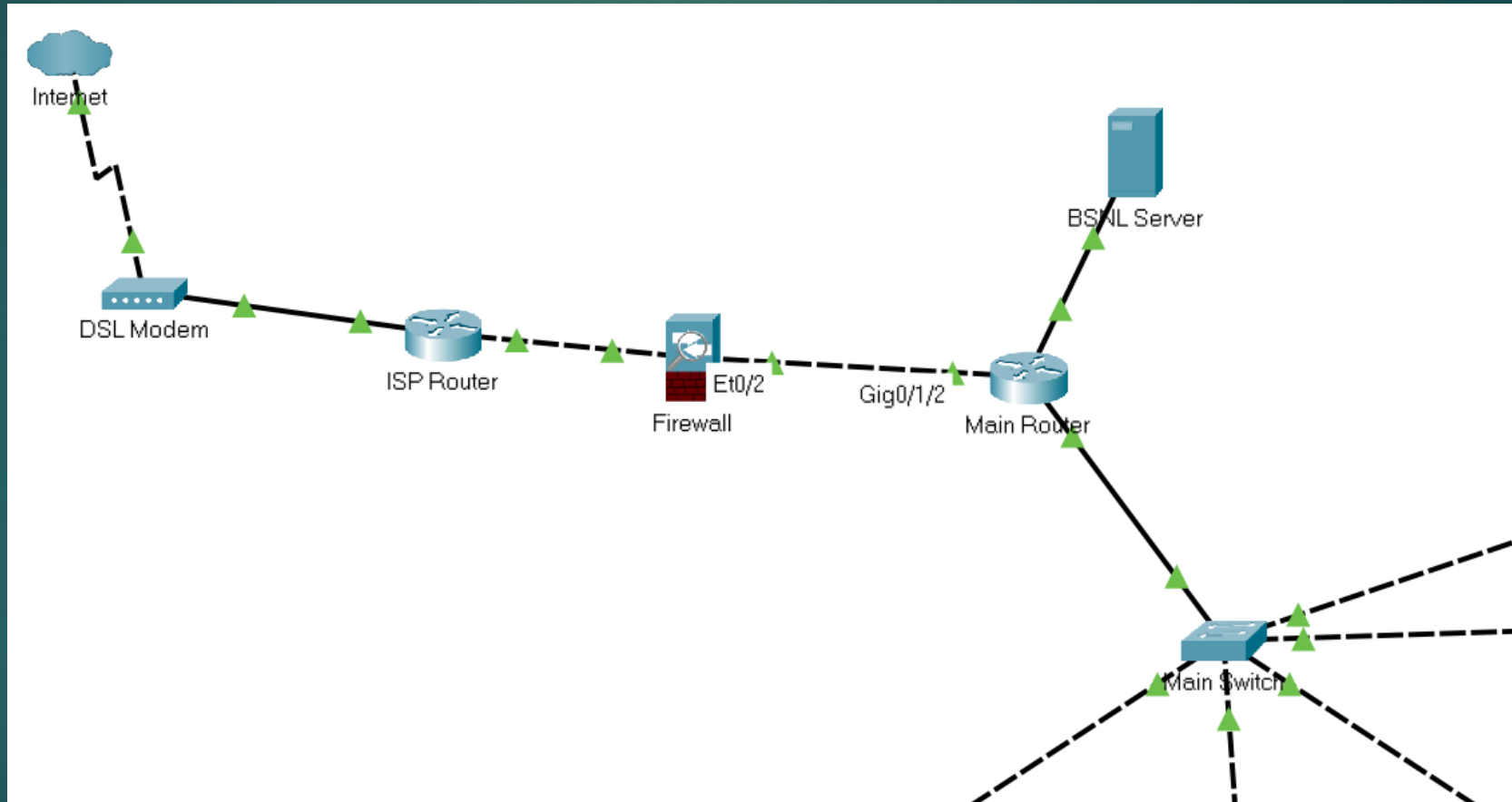
PRANITH RAO
4SO18CS088
SJEC

SJEC NETWORK ON PACKET TRACER

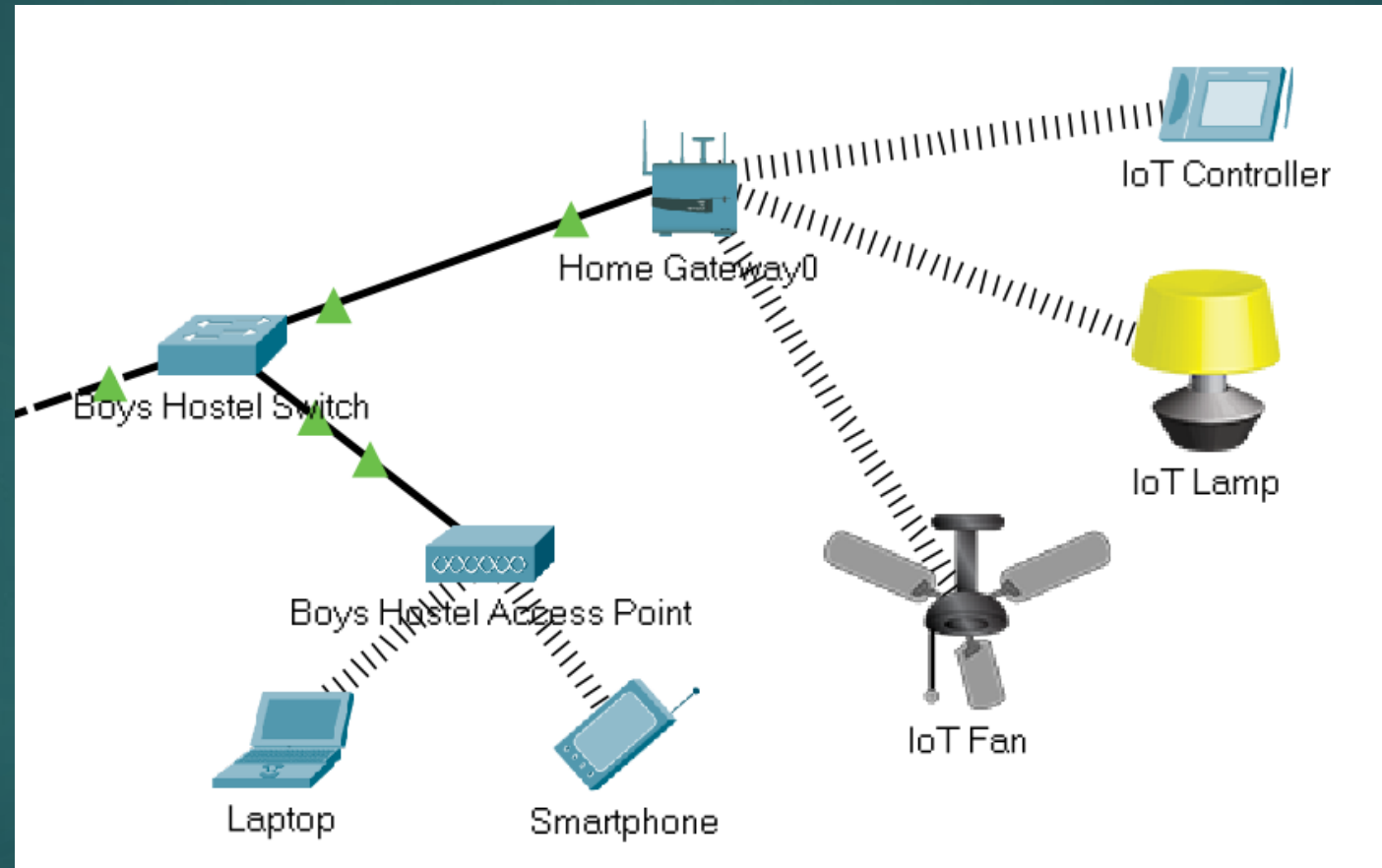




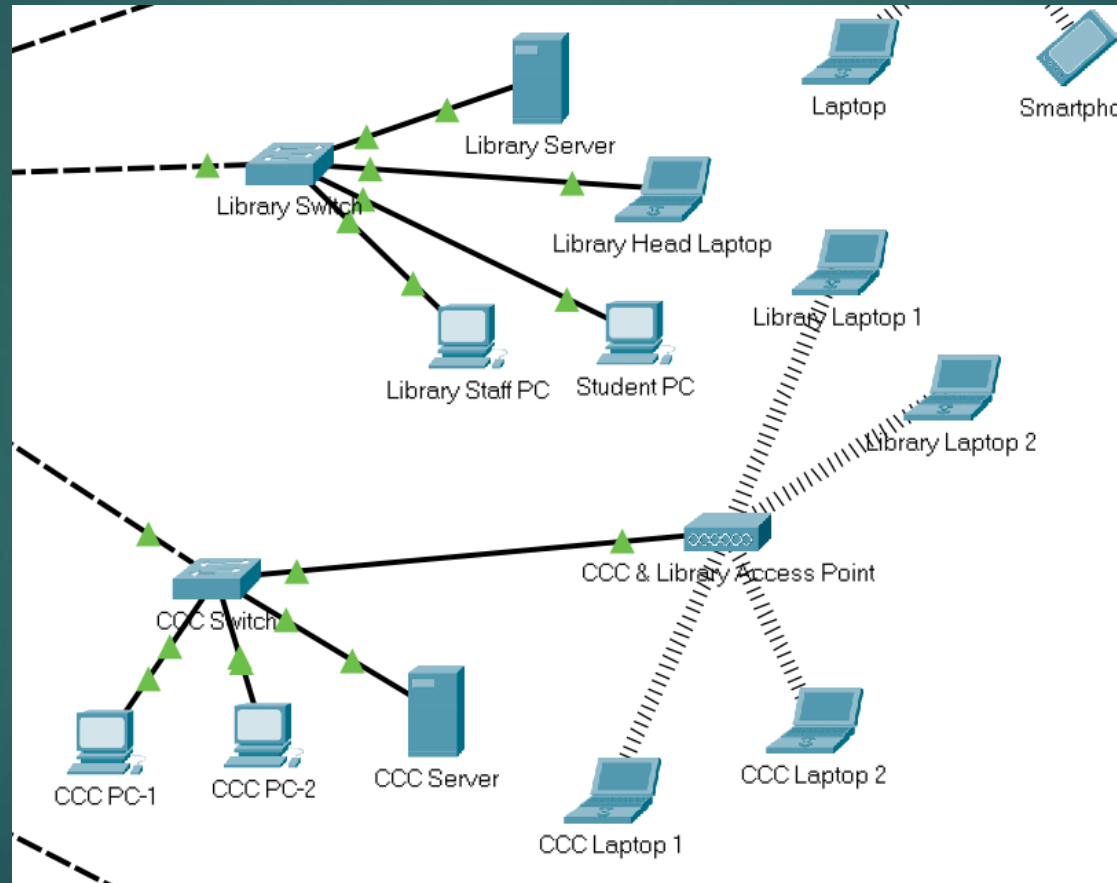
ISP TO COLLEGE ROUTER



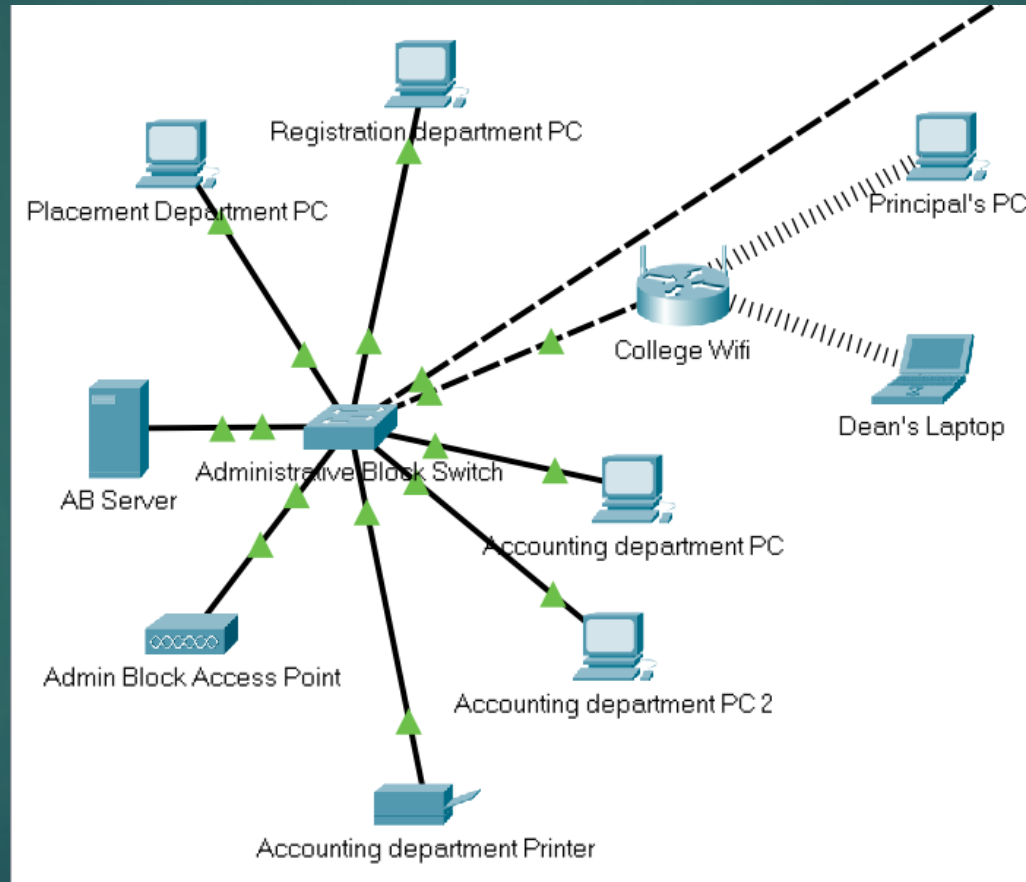
BOYS HOSTEL



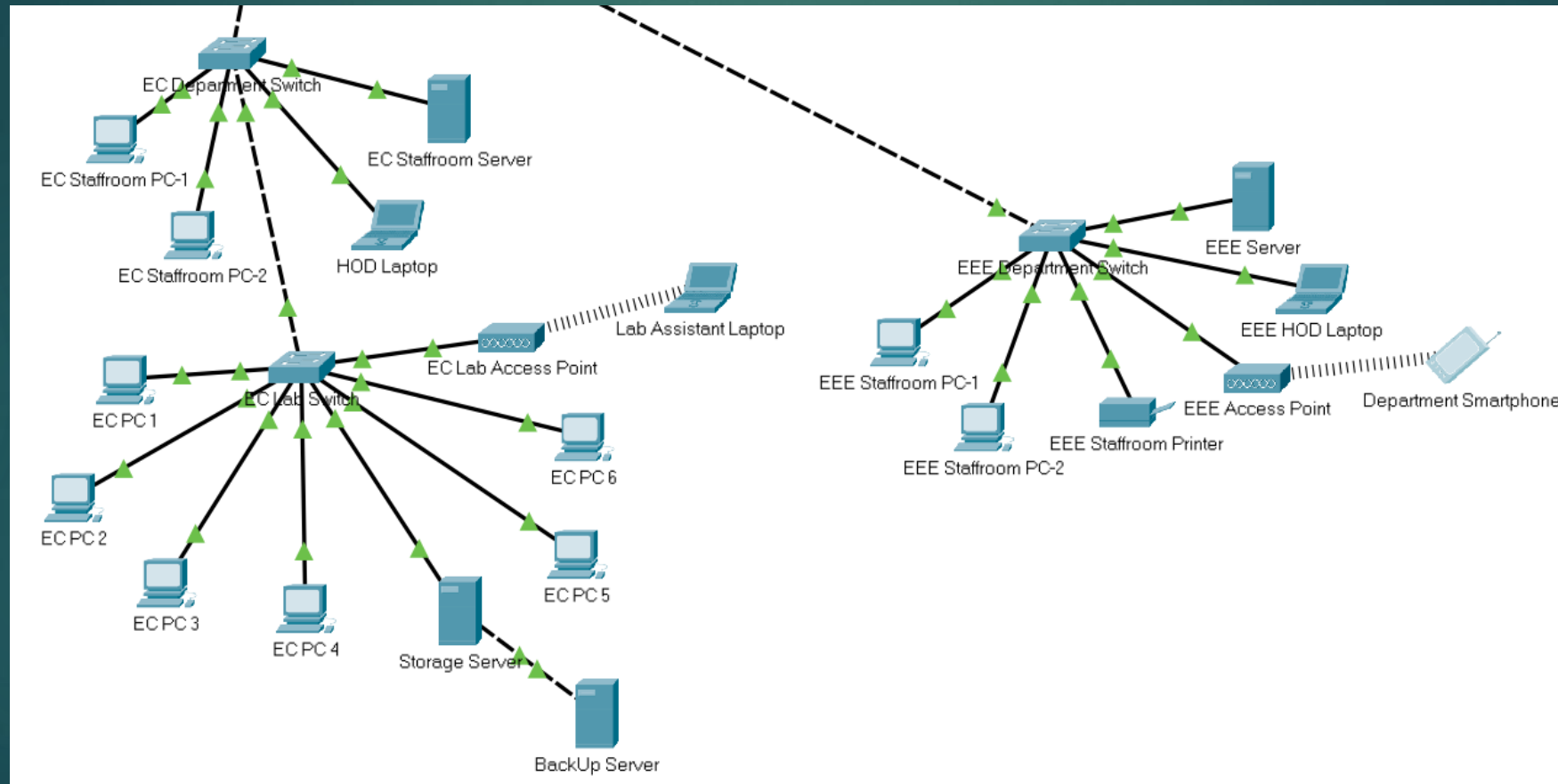
LIBRARY AND CCC



ADMINISTRATIVE BLOCK



EC AND EEE DEPARTMENT



NETWORK DESCRIPTION

- ▶ The entire college network is connected to the server and the internet through a modem.
- ▶ A firewall is placed between the college main router and the internet service provider router for monitoring incoming and outgoing network traffic.
- ▶ All the unused ports of switches are administratively shutdown and any new connection to be done requires a password authentication.
- ▶ All the access points are secured with unique passwords(WPA2-PSK).
- ▶ HomeGateway is provided to take control of the IoT devices which is also secured with a unique password.