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Project Description:

A TYPICAL MODEL OF SECURE NETWORK IN KARUNYA UNIVERSITY

GEOGRAPHICAL REPRESENTATION

1.DEPARTMENT OF SCIENCE AND HUMANITIES AND

 DEPARTMENT OF ELECTICAL AND ELECTRONICS ENGINEERING

2.DEPARTMENT OF ELECTRICAL AND COMMUNICATION ENGINEERING

3.DEPARTMENT OF BIO-TECHNOLOGY

4.DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

5.DEPARTMENT OF CIVIL ENGINEERING

6.DEPARTMENT OF AEROSPACE

7.DEPARTMENT OF MECHANICAL ENGINEERING

8.THE COMPUTER TECHNOLOGY CENTRE

9.ADMINISTRATIVE BULIDING

10.LIBRARY

DEVICES USED IN THE SYSTEM

1.MULTILAYER SWITCHES

2.SWITCHES

3.SERVERS

4.SNIFFERS

5.FIREWALLS

6.ROUTERS AND ACCESS POINTS

7.PCS AND LAPTOPS

8.RFID READERS AND RFID IDS

9.SMARTPHONES

10.TABLETS

-THE INTERNET IS CONNECTED TO THE UNIVERSITY THROUGH THE

 COMPUTER TECHNOLOGY CENTER WHICH IS THE CENTER OF THE

 NETWORK.

-THE INTERNET IS CONNECTED TO TWO ROUTERS AND THESE

 ROUTERS ARE CONNECTED TO ASA FIREWALL AND THEN

 IT IS CONNECTED TO THE MAIN MULTILAYER SWITCH.

-FROM THIS SWITCH THE CONNECTION ARE CONNECTED TO THE OTHER

 MULTILAYER SWITCH.

-IN EACH BUILDING THE MULTILAYER SWITCH ARE CONNECTED TO

 THE EACH MAIN SWITCHES AND THEN IT IS CONNECTED TO THE

 OTHER NETWORK DEVICES IOT DEVICES AND OTHERS RESPECTIVELY.

Project Screenshots:

OVERVIEW:
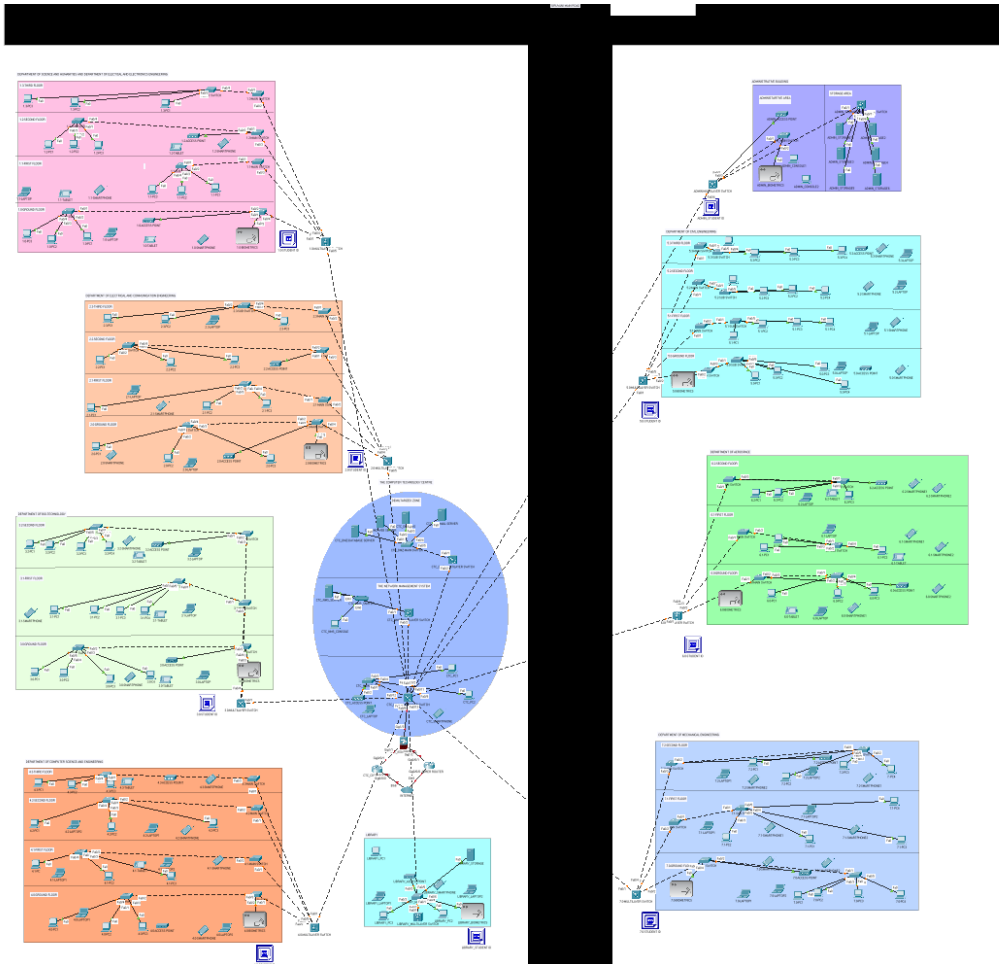
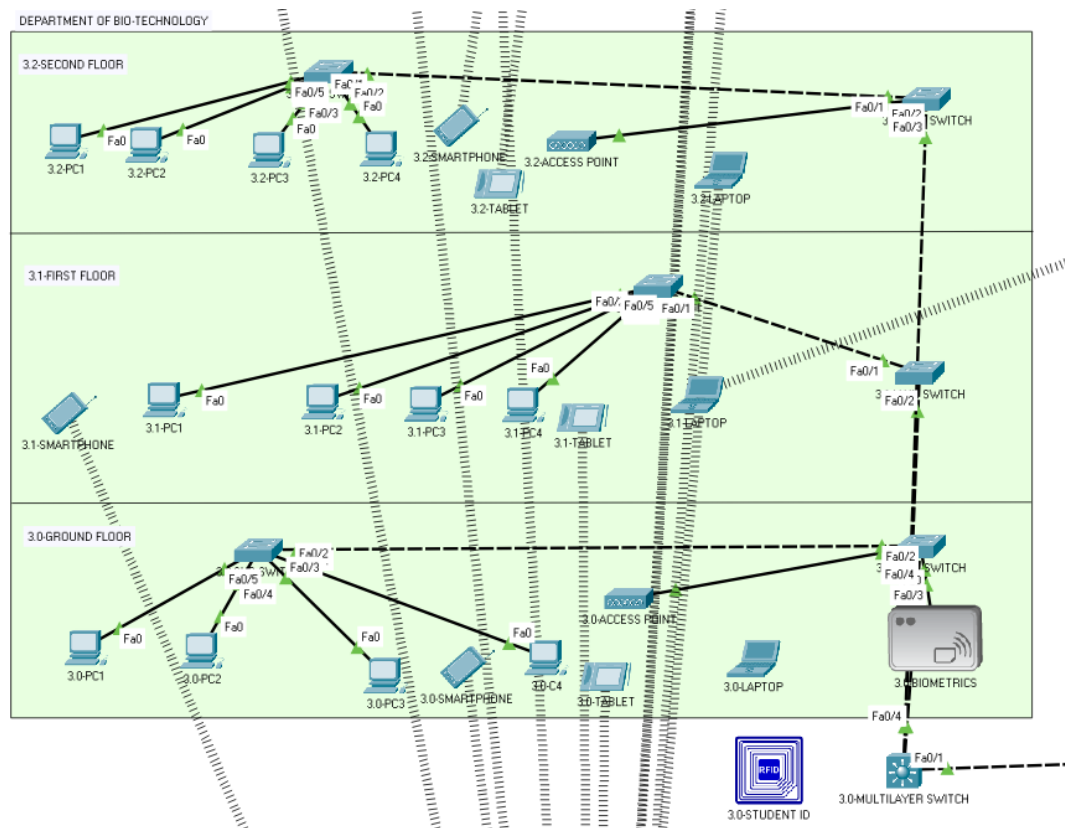# 1.DEPARTMENT OF SCIENCE AND HUMANITIES AND DEPARTMENT OF ELECTICAL AND ELECTRONICS ENGINEERING:

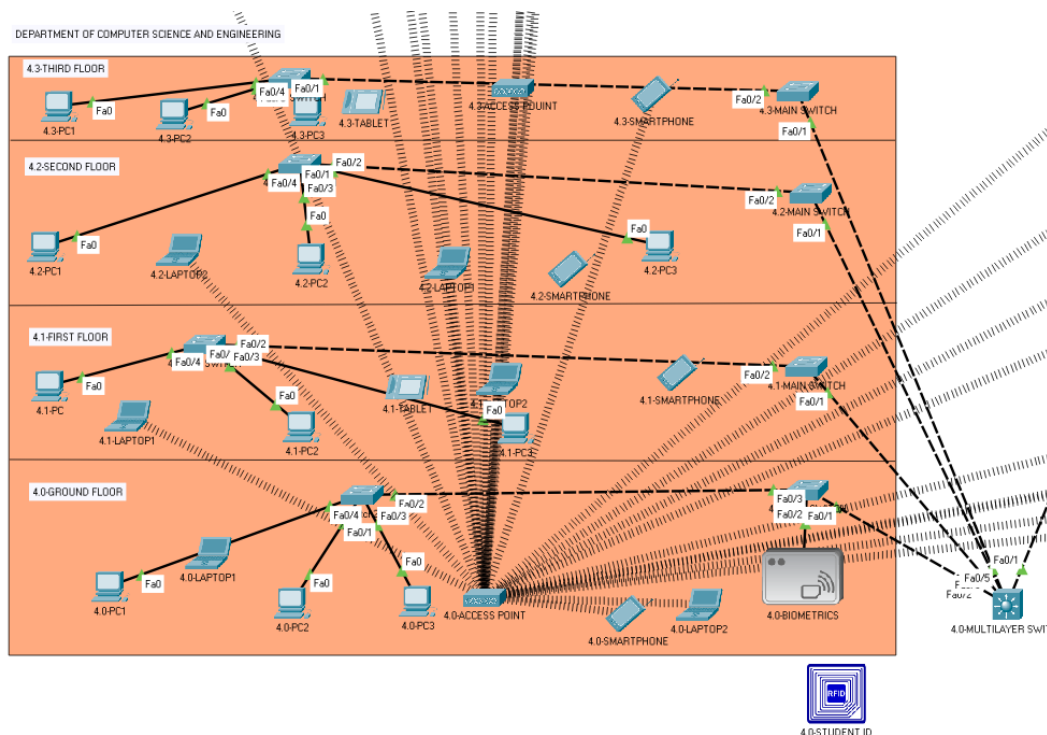# 2.DEPARTMENT OF ELECTRICAL AND COMMUNICATION ENGINEERING:
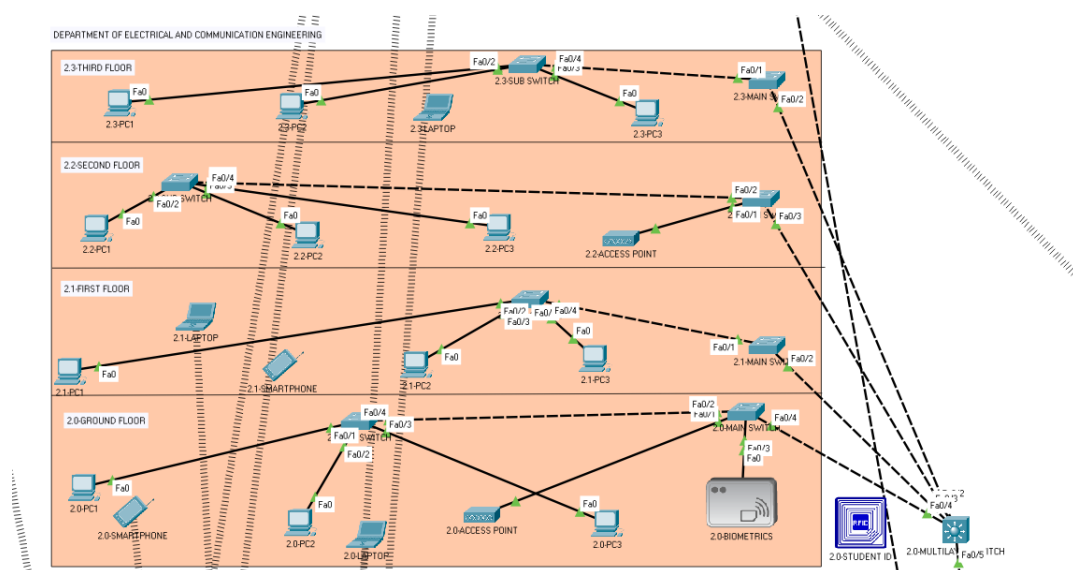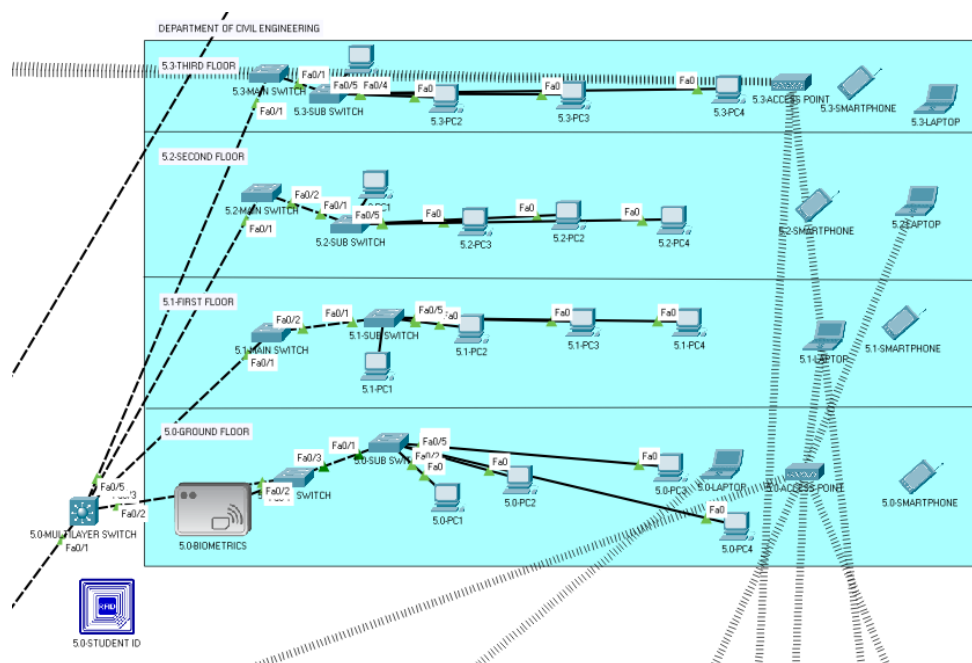
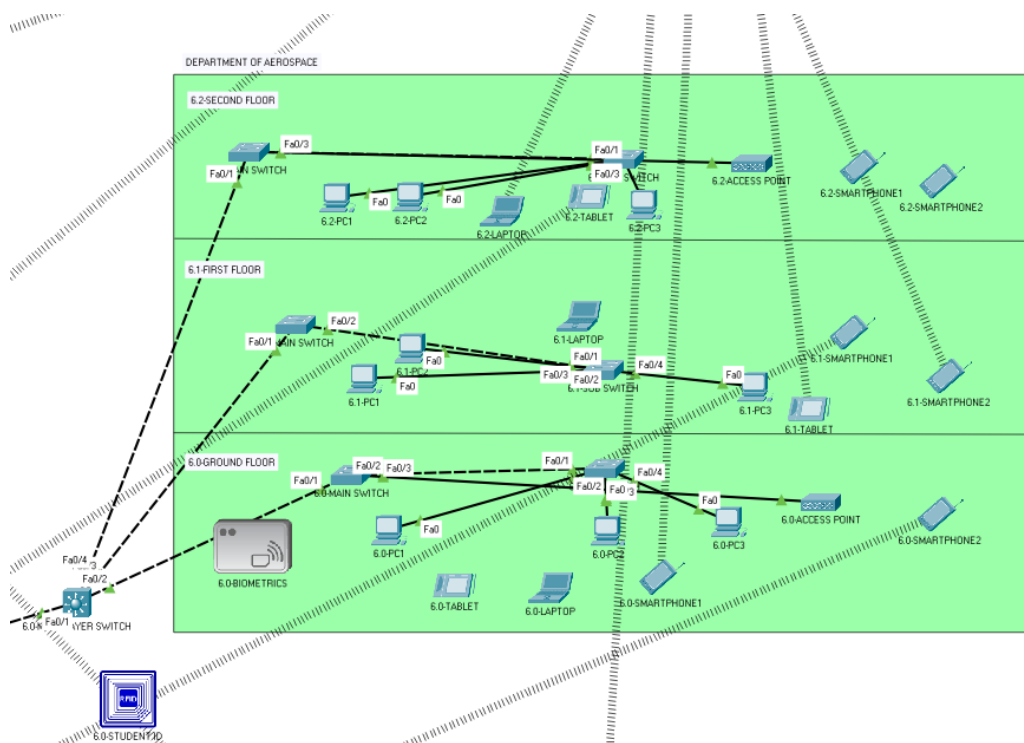# 3.DEPARTMENT OF BIO-TECHNOLOGY:

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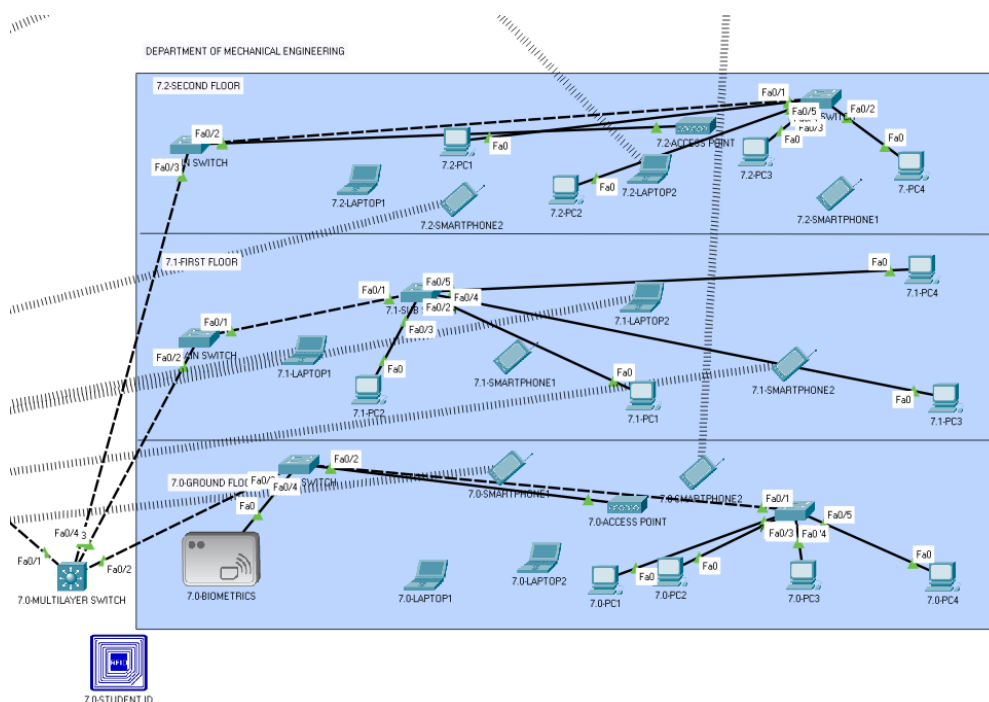

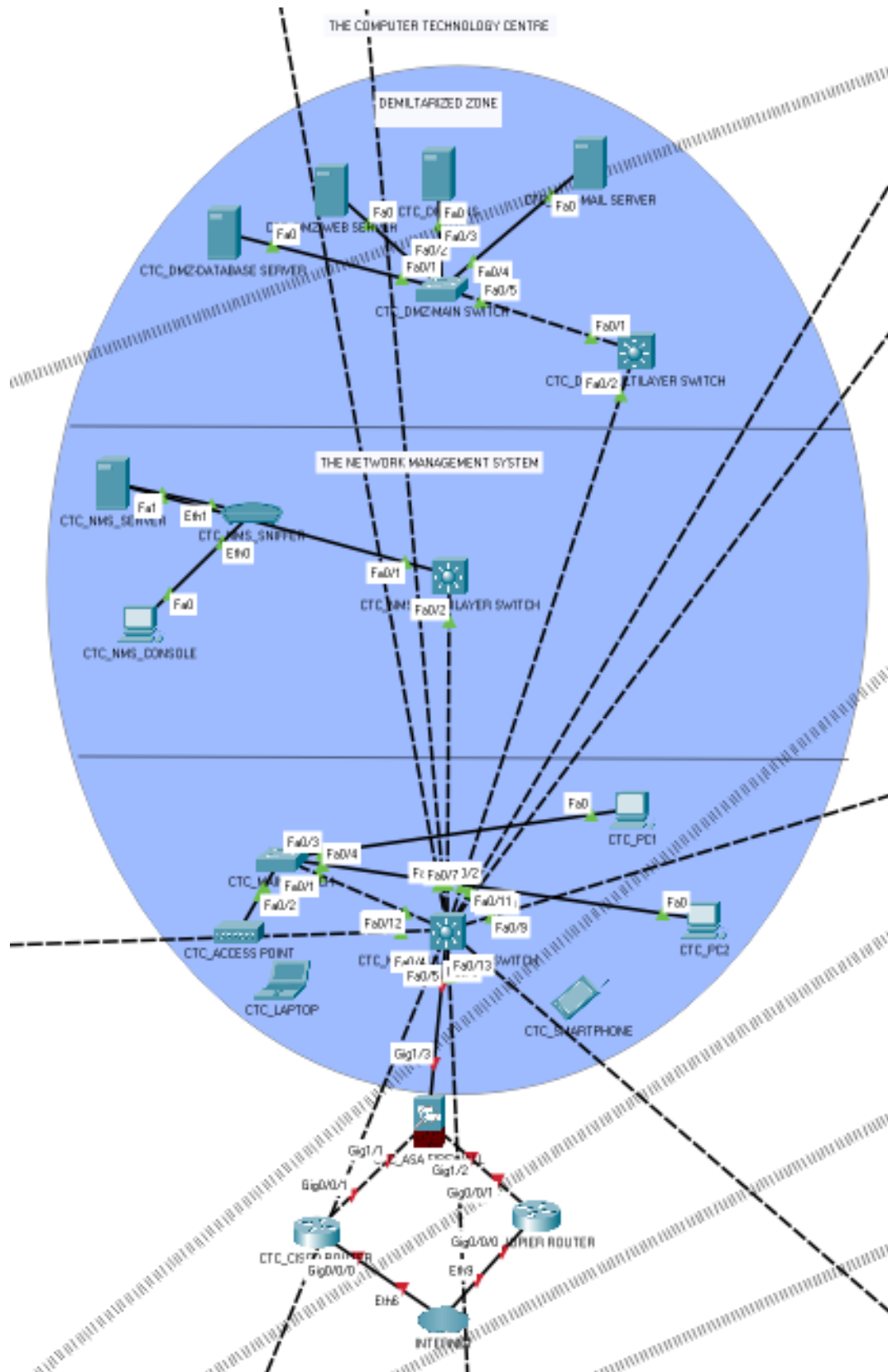# 5.DEPARTMENT OF CIVIL ENGINEERING:
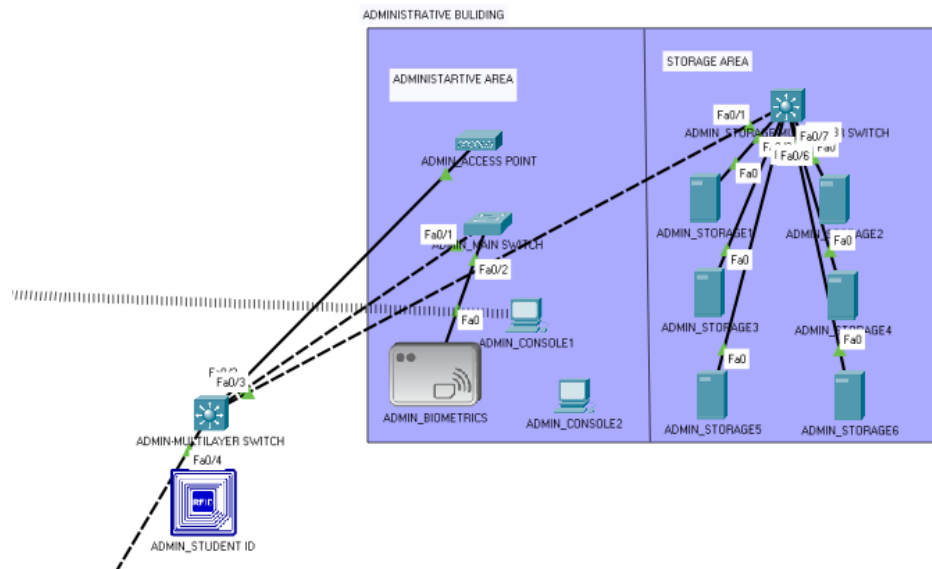
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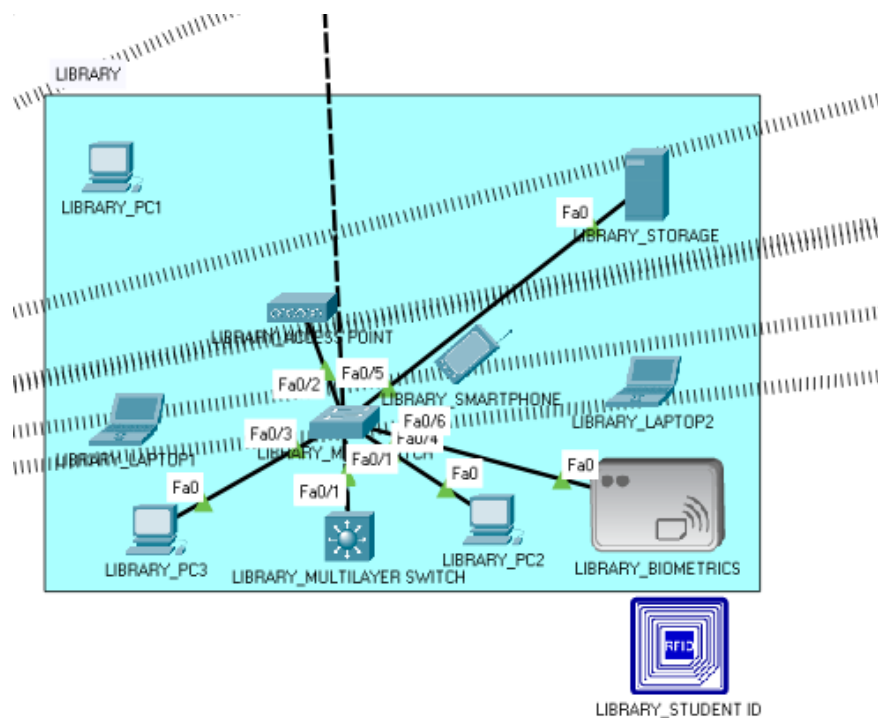

7.DEPARTMENT OF MECHANICAL ENGINEERING:

8.THE COMPUTER TECHNOLOGY CENTRE:

9.ADMINISTRATIVE BULIDING:

10.LIBRARY:

THANK YOU