

Network architecture proposal for the new engineering building

Computer Networks I - June 2024

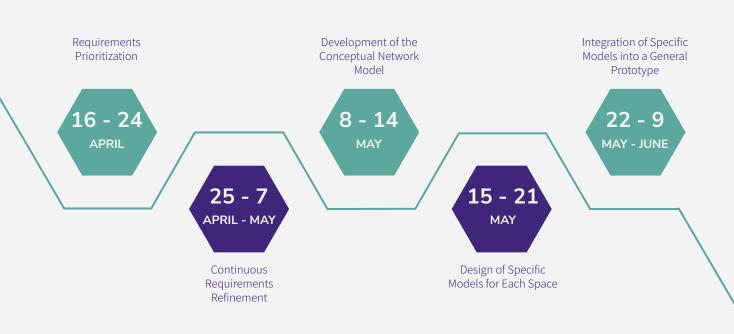
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SCHEDULE MARCH - APRIL

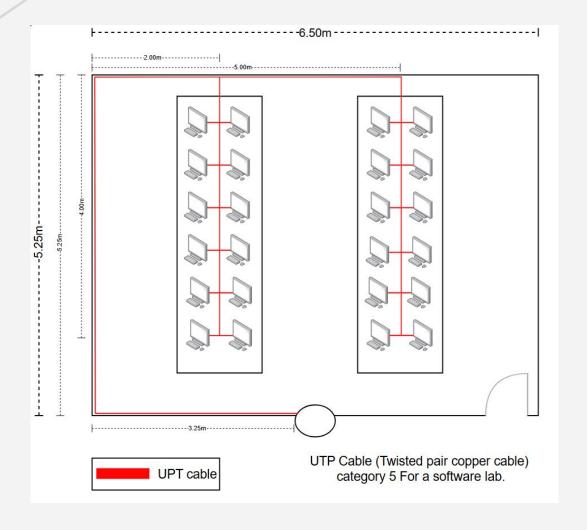


SCHEDULE APRIL - MAY



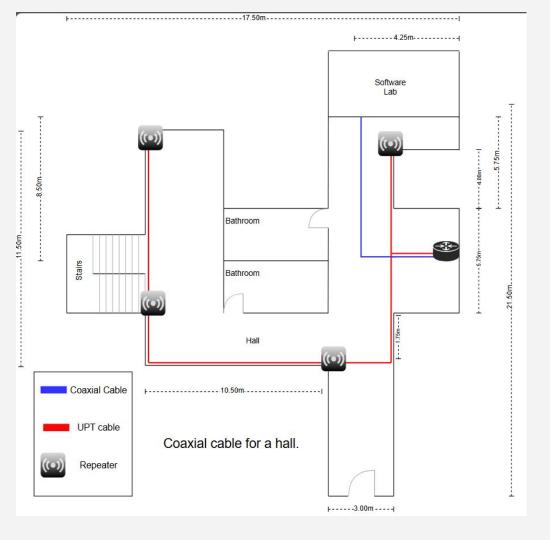


COST ESTIMATION



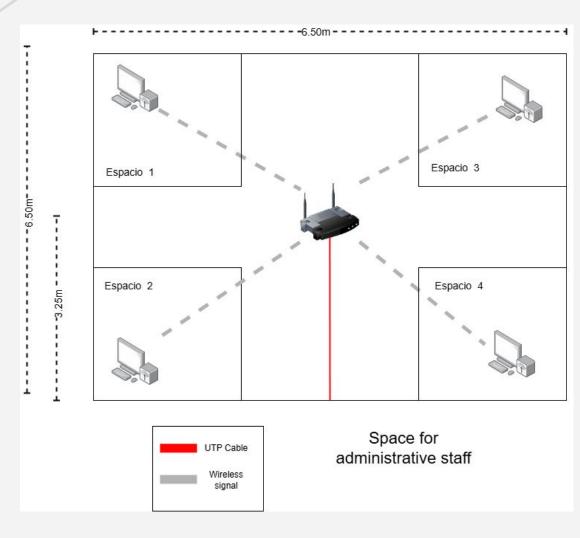


COST ESTIMATION





COST ESTIMATION





EQUIPMENT AND CABLE PRICE



Device	Model	Quantity	Unitary Cost (US\$)	Total (US\$)	Price in Colombian Pesos
Router	Juniper Networks SRX340	1	\$3,256.23	\$3,256.23	\$13,024,920
Switch	TL-SG3428MP	15	\$388.00	\$5,820.00	\$23,280,000
Repeater	UAP-AC-LITE	68	\$130.00	\$8,840.00	\$35,360,000
Cable Coaxial	Cable Coaxial Rg6 1 Blanco D-90182	195	\$2.77	\$540.15	\$2,160,600
Cable UTP	Cable Utp Cat 7 Ethernet	4785	\$2.00	\$9,570.00	\$38,280,000
Rack patch panel	Rapink	11	\$47.40	\$521.40	\$2,085,600
Wireless router	Cisco-Linksys WRT300N	4	\$159.95	\$639.80	\$2,559,200

ROLES AND AVERAGE SALARY

FRANCISCO JOSÉ DE CALDAS



,	Role Name			
	Network architect			
	Network engineer			
	Network Security Specialist			
	Network Support Technician			
	Specialist in telecommunications			

Role Name				
Network architect				
Network engineer				
Network Security Specialist				
Network Support Technician				
Specialist in				

Salary (COP)

\$8,349,927

\$5,768,478

\$3,500,000

\$1,320,232

\$3,491,160

Quantity



Contracted

Months

Total Salary

\$8,349,927

\$23,073,912

\$7,000,000

\$26,404,640

\$6,982,320

The total cost for the new engineering faculty building is:

\$205,633,119 COP



