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**Term Project**

**Deliverable 01**

**Step 01) Adding all of the devices before entering the cabling**

Diagram

Description automatically generated

**Step 02) Adding the cabling**

A picture containing boat

Description automatically generated

**Step 03) Adding Networks and IP address labels**

Diagram, schematic

Description automatically generated

**Step 04) Assigning each device an IP address**

Diagram, schematic

Description automatically generated

**Step 04) Calculations**

Network 192.168.1.0 /24 -> Range from 192.168.1.1 to 192.168.1.254 || subnet mask: 255.255.255.0

Network 200.168.20.0 /30 -> Range from 200.168.20.1 to 200.168.20.2 || subnet mask: 255.255.255.252

Network 177.44.35.0 /30 -> Range from 177.44.35.1 to 177.44.35.2 || subnet mask: 255.255.255.252

Network 192.20.20.0 /28 -> Range from 192.20.20.1 to 192.20.20.14 || subnet mask: 255.255.255.240

Network 150.80.60.0 /30 -> Range from 150.80.60.1 to 150.80.60.2 || subnet mask: 255.255.255.252

Network 200.100.30.0 /29 -> Range from 200.100.30.1 to 200.100.30.6 || subnet mask: 255.255.255.248