Assignment 8 Part B

Task school diagram:

The attached School blueprint final project.docx Page 1 shows the design method that I would use for each usable room for each school. One physical network connection for each device insuring independency from each other. AP’s would be strategically placed and setup as a Mesh configuration so users would bounce between AP’s based upon signal strength. Actual drops are not noted in each building and only in the elementary school blueprints however that design would be carried out between each school. The link is at the bottom of this document however is also available in the directory as a full document. “School blueprint final project.docx”

Step 1:

Graphical user interface, text, application, email

Description automatically generated

Step 2: We implemented OpenDNS to assist with blocking from bad acting countries.

Step 3: Graphical user interface, text, email

Description automatically generated

Step 4:

Gi0/0 links to Elementary School Switch(s) supporting internal equipment, e.g. workstations, phones, ap’s

Graphical user interface, text, application, email

Description automatically generated

Gi0/0 links to Middle School Switch(s) supporting internal equipment, e.g. workstations, phones, ap’s

Graphical user interface, text, application, email

Description automatically generated

Gi0/0 links to High School Switch(s) supporting internal equipment, e.g. workstations, phones, ap’s

Graphical user interface, text, application

Description automatically generated

Step 5: Graphical user interface

Description automatically generated with low confidence