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Module 10 Project 5

In the developing world, wireless networks play a crucial role due to their ability to provide accessible and cost-effective internet connectivity. Many regions are bypassing traditional LANs and physical cabling because:

Advantages:

* Lower Infrastructure Costs: Setting up wireless networks requires less physical infrastructure compared to wired networks, reducing costs.
* Rapid Deployment: Wireless networks can be deployed quickly, providing immediate connectivity benefits.
* Geographical Flexibility: In areas where geographical constraints make laying cables difficult, wireless networks offer a practical solution.

Disadvantages:

* Reliability Issues: Wireless networks may face stability and reliability issues due to interference and signal range limitations.
* Security Concerns: Wireless networks can be more vulnerable to security breaches compared to wired networks.
* Limited Bandwidth: In some cases, wireless networks might not offer the same bandwidth capacity as wired networks, potentially limiting data-heavy applications.