

## LIST OF TERMS

<b>5GHz Wi-Fi</b>	High-frequency wireless network for data transmission.
<b>AP</b>	Access Point
<b>Average Delay</b>	Time delay for data packets to traverse the network.
<b>Coverage</b>	Extent of network signal reach within an area.
<b>dBm</b>	decibel-milliwatts
<b>Delay</b>	Time taken for data to travel between sender-receiver.
<b>Ghz</b>	GigaHertz
<b>IEEE</b>	Institute of Electrical and Electronics
<b>Interference</b>	Signal overlap causing data collision, slowing WiFi performance.
<b>Jitter</b>	Variation in delay, causing irregular data transmission timing.
<b>Load Balancing</b>	Distributing network load for optimal resource use.
<b>Maintenance</b>	Regular upkeep to ensure network functionality.
<b>Network Optimization</b>	Enhancing network efficiency and performance.
<b>Performance</b>	Network's effectiveness in delivering desired outcomes.
<b>PPDIOO</b>	Prepare, Plan, Design, Implement, Operate, and Optimize
<b>PuTI</b>	Pusat Teknologi dan Informasi Telkom university
<b>QoS Metrics</b>	Measurements of network service quality.
<b>Signal Strength Mapping</b>	Visual representation of signal power across locations.
<b>Throughput</b>	Rate of successful data transfer within a given time frame.
<b>TIPHON Scale</b>	Standard for rating connection quality.
<b>TULT</b>	Telkom University Landmark Tower, Multi-floor building.
<b>WLAN</b>	Wireless Local Area Network
<b>Wi-Fi 6</b>	Latest generation of Wi-Fi, offering faster speeds.
<b>WI-FI</b>	Wireless Fidelity