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Contents

Wireless mobile communication networks is a new field. It has grown rapidly in recent years. There are now billions of cell phone users. Technology, developed by generations chatting without wires was first developed in the 1980s. This initial generation, or 1G, [1] were used by vehicles. Location and software like Intelligent Incidents and Intelligent Transportation were made available. Besides these benefits, 2G wireless technology improved wireless interactivity. It boosted usefulness with technological breakthroughs like GPRS. 2G revolutionised communication by allowing users to transmit text messages and photographs, expanding their options[2]. Multimedia features and information transfer speeds advanced greatly with 3G. It offered cutting-edge phone and data transfer, TV/movie viewing, online browsing, email, conference calls, faxes, and road atlases. Fourthgeneration (4G) wireless communication technology allows long-range connectivity. Advanced media playback, video editing, and other services will be easier to integrate with 4G technology. Compatibility issues will be overcome by 4G's seamless streaming, worldwide accessibility, and increased portability. The requirement for premium-grade wireless data transmission with higher speed and latency and ubiquitous device connectivity led to 5G systems. The Internet of Things (IoT) regulates and improves daily life through interconnected gadgets. Internet of Things (IoT) is now a popular hypothetical technological future. The increasing adoption of IoT requires 5G mobile connection. The IoT's power to connect billions of things and future advances [20]. The new 6G mobile internet standard is projected to boost bandwidth, speed, and minimal delay. The 6G network should offer 100 times quicker transfer rates than the 5G technology. Additionally, the 6G network's bandwidth will allow millions of devices to connect simultaneously, making it the best technology for the Internet of Things. Autonomous cars that use computer-generated environments benefit from this. Evolution of Communication system.

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