

ADDIS ABABA UNIVERSITY

ADDIS ABABA INSTITUTE OF TECHNOLOGY

CENTER OF INFORMATION TECHNOLOGY AND

SCIENTIFIC COMPUTING

**ASSIGNMENT ONE**

**Prepared By:** Hailemariam Fikadie

February 2020

History of Internet

Internet is the largest wide area network, since it’s a massive network of network. It is the infrastructure that allow connect billions of computers and other electronic devices, and it’s an increasingly important part of everyday life for people around the world. The internet has revolutionized the computer and communications world like nothing before.

The first workable prototype of the internet came in the late 1960’s with the creation of ARPANET (Advanced Research Projects Agency Network. Originally funded by the U.S Department of Defense. ARPANET used packet switching to allow multiple computers to communicate on a single network. On October 1969 ARPANET delivered its first message from one computer to another which is “a node to node” communication. Even though there is a communication between them, the first message wasn’t set successfully to destination, only the first two letters delivered.

The technology continued grow, In the 1970’s Robert Kahn and Vinton Cerf developed Transmission control protocol (TCP) and Internet protocol (IP) , which is a communication model that set a standards for how data could be transmitted between multiple networks.