

ADDIS ABABA UNIVERSITY

ADDIS ABABA INSTITUTE OF TECHNOLOGY

CENTER OF INFORMATION TECHNOLOGY AND SCIENTIFIC COMPUTING

DEPARTMENT OF SOFTWARE ENGINEERING

FUNDAMENTALS OF WEB DEVELOPMENT

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February 28, 2020

**The history of internet**

The Internet and its architecture have grown in evolutionary fashion from modest beginnings, rather than from a Grand Plan. It started at in the United States in the early 1996s. The US department of defense established Advanced Research Projects Agency (ARPA) in 1957. ARPA’s mission was to produce innovative research ideas, to provide meaningful technological impact that went far beyond the convention evolutionary development approaches.

ARPANET started internet as the pioneering packet switching network, but soon to include packet satellite networks, ground based packet radio networks and other networks. And computers were added quickly to the ARPANET in the following years, and work proceeded on completing a functionally complete Host-to-Host protocol and other network software, in December 1970 the network working grouping finished the initial ARPANET Host-to-Host protocol, called the Network Control Protocol (NCP).

The internet today is widespread information infrastructure, the initial prototype of what is often called National (Global Galactic). Its history is complex and community. And its influence reaches not only to the technical fields of computer communications but throughout society as we move toward increasing