

ADDIS ABABA UNIVERSITY

ADDIS ABABA INSTITUTE OF TECHNOLOGY

CENTER OF INFORMATION TECHNOLOGY AND SCIENTIFIC COMPUTING

FUNDAMENTALS WEB DESIGN AND DEVELOPMENT

**ASSIGNMENT1: -** HISTORY OFINTERNET AND WEBSITES IMPROVEMENT OVER YEARS

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1.History of internet (the evolution)

Before 1957 computers only worked on one task at a time. This is called Batch processing. So a way had to be found in order to connect them.

In addition to the above, the main catalyst for the formation of internet was the heating up of cold war. On October 1957 during cold war, the first unmanned satellite, sputnik1, was sent into the orbit by the Soviet Union. Because of this the “fear of Missile Gap” emerged and this intern led to the birth of the ARPANET (AMERICAN RESEARCH PROJECT AGENCY NETWORK) which is the forerunner of internet and the first wide area network founded by the U.S. Defense Department in 1960s.

The three fundamental concepts to the history of internet in addition to ARPANET was:

1. The concept of military work by the RAND corporation in America
2. The commercial network of the National Physical Laboratory in England and
3. The scientific network, Cyclades, in France

The scientific, military, and commercial approaches of these concepts are the foundation for our modern internets. ARPANET is the most familiar of the above networks.