Class Assignment

Fall semester 2021-22 ITA5003 Data Communication & Networking

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Submitted to

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Case Study 2:

In mid 80's another federal agency, the NSF created a new high capacity network called NSFnet, which was more capable than ARPANET. The only drawback of NSFnet was that it allowed only academic research on its network and not any kind of private business on it. Now, several private organisations and people started working to build their own networks, named private networks, which were later (in 1990's) connected with ARPANET and NSFnet to form the Internet. The Internet really became popular in 1990's after the development of World Wide Web.

Class work: - Case Study 2 1. What does NSFnet Stand for? 94 Stands for "National Science Foundation Network". It was a program of coordinated, evolving projects Sponsored by National Science fourdation from 1985 to 1995 to promote advanced research and education networking in the united States. During the late 1980s and early 1990s it was a Crucial backbone to ARPANET and the Internet. During 1990 & 1991, it was restructured & Created a not-for-profit entity and a for-profit subsidiary for Commercial devel-- openent of the network. In 1995, NSF removed NSFnet from internet but continued as a Separate network for further research and development. 2. what does ARPANET Stand for? The Advanced Research Projects Agency Network is a predecessor to the modern Internet. It was conceptualised in 1950s. It was the first network which implement--ed TCP/IP protocols. It was designed to Communicate with Scientific users among an institute or university. ARPANET was desi-- gred to Service even in a nuclear attack. It was used for Collaborations through Emails It was an advancement in transfer important files and data of defense.

3. rubat is Internet? A vast collection of dygerent networks. Internet is a globally Connected network

System facilitating wouldwide Communical. ion and acces to data resources this. - righ a vast Collection of purate, public, busines, academic and government netwo--rks. It is governed by the agencies like Integenet Assigned Numbers Anthousty (IANA) that establish unveusal protocols. The internet originated with the devel-- opment of computer networks like ARPANET and NSFNET by U.S government. Internetnet provides Some critical Services like : EMAIL, Social Networking, financial Services. 4 To join the internet, the computer has to be Connected to a Internet Service provider - is a Company or Organisation Such as Autel, Jio de that provide internet acces to companies or even individual mobile users. ISPs use fibre-optics, Satellite, copper une etc to provide internet access to its custo-- meis. Afrant from providing internet access, 13Ps may also provide Softwares like browsers, e-mail accounts or a personal web-site. ISPs are all Connected to each other through network access fromts, public network facilities on the internet backbone.

5. Internet acces by transmitting digital data over the wires of a local telephone net-- mout is provided by:? Un Digital Subscriber line: - It is a Communi-- Cartion medelen, which is used to tran-- Sper internet Alwargh Copper wire telemost populou mays ISPs provide broad bound internet access. It maintains the high speed of internet, by utilising the Spl-- itter which splits frequency & makes Sure they don't get interrighted. 6. A pièce of icon or mage on a mel page associated with another melpage Called: Hypelink: It is our tem like a would, button on image which points to another reso--ruce ou location. when we click on this link, it takes to a larget resource which can be a welfrage, document, or other online content websites use these hyperlinks as a way to nowigate Ilmough flie online Content. Conclusion: - 21st century is called as the "Injournation age" because it makes available instant access to the knowledge that would have been difficult or imposibble previously but thanks to the Internet which made it prossible, from rendeuring or Simple web to Contr-- olling a rover or mous, me have come a long way and move to come! only : of Internet.