

Barredo, Clent Edcil A., Elchico, Kristine Joy, Magbanua, Gilmar D., Zarriz, Jemuel M., and Flores, Raoul Pey G.. **A COMPARATIVE PERFORMANCE OF MOBILE INTERNET SERVICE PROVIDER FOR CLOUD** Unpublished Undergraduate Thesis. Bachelor of Science in Information Technology (Network and Security). Northern Iloilo State University, Estancia, Iloilo. December 2023.

ABSTRACT

More and more people are using their mobile devices to access the internet. It's really convenient because you can browse the web, check your emails, use social media, and so much more, no matter where you are. This experimental research was conducted to identify which of the three telecommunication company namely Globe, Smart, and DITO Telecommunication can offer the best performance for and foremost reliable file transfer for uploading a files into cloud storage in the locality of Estancia, Iloilo. In this study, the file transfer performance of each mobile internet service providers were assessed and evaluated the average file transfer performance in uploading files in terms of short, medium, and long distance when categorized to the types of light, average, and heavy file sizes. The average file transfer performance of Globe Telecommunication was all described as slow, while in Smart Telecommunication in short distance was described as fast, and in medium and long distance was described as average, and DITO Telecommunity was all described as average in terms of distance when categorized to the types of file sizes. The Globe Telecommunication, Smart Telecommunication, and DITO Telecommunity showed that there is a significant difference when classified according to file size and distance. Therefore, the researchers concluded that on three ISPS, Globe, Smart, and DITO, the Smart Telecommunication has a better file transfer performance based on the average as compared to Globe Telecommunication and DITO Telecommunity.

Keywords: File Transfer Performance, Internet Service, Mobile file Transfer, Cloud Storage, Nobile.