

## **ABSTRACT**

### **DESIGN AND IMPLEMENTATION OF FILE SHARING WITH NEXTCLOUD AT BATAM TOURISM POLYTECHNIC**

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Technology of network computing has been way advanced so that it simplifies us in terms of data sharing. Therefore, data management is essential for both personal, educational or governmental purposes. Therefore, the author would like to create a file sharing system at Batam Tourism Polytechnic in order to facilitate users in accessing and sharing data.

The implementation and internship project lasts for 3 months, starting from February to April. Process of creating this system consists of: analysis of problems and needs, data collection, design and implementation, testing, and making of reports and documentation. Application software used such as Ubuntu Server 14.04.5, Nextcloud 12.0.0, Apache2, and other supporting modules.

With the cloud-based file sharing like Nextcloud 12.0.0 is this system can help facilitate users in sharing data, store data, organize data, and security offered by the system is also quite good.

**Keywords:** file sharing, cloud, Nextcloud