Abstract

The project is developed for user need the personal cloud storage service using Raspberry Pi. The purpose of developing the system is to explore the Raspberry Pi 3 act as server and open source software for develop it as personal cloud storage services. This project has been done by research the developing it like same information that gain through research and few functions like LINE notify add on it. The system will be offering cloud storage like commercial cloud service that already existing. Personal cloud storage offers for free services, synchronizing devices and sharing content. Personal cloud storage using Raspberry Pi allows to synchronize local folder with servers in the cloud with accessing internet. All the process must be done by login into the system. This project also let user to mount USB or external storage and can access through it.

References


5. Sarah Mitroff: Retrieved date: March 16, (2017), OneDrive, Dropbox, Google Drive and Box: Which cloud storage service is right for you? [Online]. Available at: https://www.cnet.com/uk/how-to/onedrive-dropbox-google-drive-and-box-which-cloud-storage-service-is-right-for-you/.


**Index Terms**

Computer Science

Distributed Systems

**Keywords**

Raspberry Pi, LINE, Notification, Storage, OwnCloud