As the increased of the information technology, especially operating system's development and its other assist tools, made for facilitating user to fulfill anythings in context to gain an information. One of many things that looked from an operating system is the easyness to use and its application supports which is available to set in so that the user can be easier to access all of information that they need.

The operating system technology based on open source with supports from a lot of developers over the world is able to make this operating system develops fast and always being updated follow the technology development. One of the assist's operating system application that being developed for facilitating the developer and user to access any information with any type is FUSE (Filesystem in Userspace). This FUSE design is being developed to make accessing for any information's storage is as easy as accessing a filesystem which is contain of directories and files.

Furthermore, at this moment, database system is excessively used for information's storage which can complete all of the user's purpose that can avoid from saving an information twice, with the increasing of technology in database system, information storage in database system can be drew as table and records in that table. Database management is also help the users to preserve the information saved well and none of the information saved twice. Using FUSE design and its advantages, managing a database system can be done as easy as managing files and directories.
FUSE is able to present a virtual filesystem interface to distinct any type of storage become a type of filesystem.

Keywords: Filesystem, FUSE, Database, Python FUSE.