

## *Access Control List (ACL) Lab Project – Important Source Files*

These are some of the source code files that are important for the implementation of the third project on Access Control List (ACL). This document will help the students to identify some of the required files for the project. I have listed them below for your reference.

### 1. Important **Source Code** files are:

- a. **/src/fs/main.c** → this file contains the main program of the File System. It consists of a loop that gets messages requesting work, carries out the work, and sends replies
- b. **/src/fs/fproc.h** → this is the per-process information. A slot is reserved for each potential process.
- c. **/src/fs/proto.h** → defines the function prototypes. Worth to have a look to see how the different files, prototypes are mapped.
- d. **/src/fs/open.c** → this file contains the procedures for creating, opening, closing, and seeking on files
- e. **/src/fs/path.c** → this file contains the procedures that look up path names in the directory system and determine the inode number that goes with a given path name.
- f. **/src/fs/inode.c** → this file manages the inode table. There are procedures to allocate and deallocate inode's, acquire, erase, and release them, and read and write them from the disk. **(Please see /src/fs/inode.h also)**
- g. **Define your own structure similar to /include/minix/type.h.** This is only a reference format please think of defining your own type.
- h. **/src/fs/glo.h** → file for defining external and global variables
- i. **/src/mm/mproc.h** → this table has one slot per process. It contains all the memory management information for each process. **(Note: combination of mproc, fproc, and proc (kernel) forms the total PCB for a process)**
- j. **/src/mm/main.c** → this file contains the main program of the memory manager and some related procedures **(please see /src/fs/mm.h also)**