

WALEED CHAUDHRY

261014122

COMP 310 FILE SYSTEM ASSIGNMENT

Hello!

I have included the whole file in the submission.

I have included the sfs_api.c, sfs_inode.c sfs_dir.c files.

Even though the file system executable 'sfs', which is made after 'make' can be used to test the files ,I have also included the test executables. For every test, I

uncommented the line in the Makefile, then typed in 'make' to the terminal, then compiled it using

```
gcc -o sfs_testx sfs_testx.o sfs_api.o sfs_inode.o sfs_dir.o  
disk_emu.o
```

where x is 0, 1 and 2. (one for each of the provided .c test files)

The test files can also be tested using ./sfs:

The line has to be uncommented in the Makefile then 'make' has to be typed. Then run ./sfs and it will run the uncommented test.

I have also included sfs_mount, and i have included a directory 'disk', which the grader can mount the file system onto.

After any test is run, the fs.sfs file appears in the folder. It can be 'nano'd' and the contents can be checked.

All the tests are passing with 0 errors.

Thank you for reading. Hope you have a good time grading my work :).