

# Testing for the client-server model for file management:

## 1)Testing the folder creation:

This test is used to check whether the folder is created for every input given to the function.

This test checks various scenarios where the input is given in different formats.

After giving the command "Create\_folder <folder\_name>" from the client, it checks whether the given folder name is present in the directory or not. If the folder is not present in directory, it creates the folder and gives the message "folder created". If the folder is present in directory gives the error "failed to create folder".

Various inputs/arguments were given to test the creation of folder to check if the folder is duplicated or not.

## 2)Testing the write file:

This test is chosen to check whether writing into the file is possible for various arguments or not.

This test checks whether the file can be modified or edited or can be able to clear the file.

After giving the command "write\_file <name> <input>" checks the given folder is modified or edited. or can be able to clear the file if we give 'None' in input type it clears the file.

## 3)Testing the change folder:

This test is chosen for checking the change in directory.

This tests whether the directory of the file is changed or not for various inputs

The command ".." changes the file directory to previous file.

## 4)Testing the read file:

This test is chosen for fetching the file information present in a folder.

Checks whether the file reads text from a folder and whether the file exist in a directory

After giving the command "read\_file <file\_name>" it reads the file data if file exists in the directory. If not present "file does not exist" occur.

These tests are considered necessary for checking whether the file management system functions good or not. Some areas in client program are not tested.