ReadMe Name -Arjun Kumar akmu999

The system was tested on windows using Eclipse.

Test Cases

The system will accept commands in uppercase or lowercase format, but the file names must be in the correct format and the file extension has to be specified. For Example name text.txt and NAME text.txt will work however NAME TEXT.txt will not.

If nothing and just the enter key is pressed when the connection has been established the server will return

FROM SERVER: -MIT-XX Out to Lunch

There are three accounts stored to the system

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Password Needed (y/n) | username | Password | Name |
| 1 | y | akmu999 | 12345678 | Arjun |
| 2 | n | abcd123 | Adrian |  |
| 3 | y | userAD1 | qwerasdf | Jason |

When the client first connects to the server

STOR and RETR were only tested on text files.

For the STOR AND RETR to work correctly the filepath for a text file has to be specified in the client.java file.

FROM SERVER: +MIT-XX SFTP Service

The responses that

1. USER

- user akmu999

- FROM SERVER: +<akmu999> valid, send account and password

- Enter Key

- FROM SERVER: -MIT-XX Out to Lunch

- user akmu999

- FROM SERVER: +<akmu999> valid, send account and password

- pass 123424343

- FROM SERVER: -Wrong Password, try again

- list v

- FROM SERVER: Login First

- acct Adrian

- FROM SERVER: ! Account valid, logged-in

- list f

- FROM SERVER: File app.txt

-FROM SERVER: File apple(0).txt

-FROM SERVER: File Assignment\_ReadMe.docx

- name hi.txt

- FROM SERVER: +File exists

- tobe Hey.txt

FROM SERVER: -File wasn\_t renamed because File is open or protected

(This is because the other file already exists)

* tobe fileNewName.txt
* FROM SERVER: +hi.txt renamed to fileNewName.txt

list f

* FROM SERVER: File fileNewName.txt
* kill fileNewName.txt
* FROM SERVER: +fileNewName.txt deleted

1. DONE

- done

- FROM SERVER: +Connection closing both client and server side

Not Connected to the server, type "Connect" to reconnect

-connect

- Opening new Server socket

- list f

- FROM SERVER: Login First

- user akmu999

- FROM SERVER: +<akmu999> valid, send account and password

- If enter pressed

- FROM SERVER: -MIT-XX Out to Lunch

- pass asdfsadf

- FROM SERVER: -Wrong Password, try again

- stor new file(1).txt

- FROM SERVER: +File exists, will create new generation of file

- size 57

- FROM SERVER: +ok, waiting for files

File is being sent now

Done Sending File

-Press enter key after the above response

- FROM SERVER: +Saved <file(1).txt>

-Press Enter again

- After this other Commands can be entered

- retr hello.txt

- FROM SERVER: 46, Bytes will be sent

- stop

FROM SERVER: +ok RETR aborted

- send

FROM SERVER: +ok sending data

Receiving File from server

FROM SERVER: -MIT-XX Out to Lunch

-type a

FROM SERVER: +Using {Ascii} mode

- type b

FROM SERVER: +Using {Binary} mode

- type c

FROM SERVER: +Using {Continous} mode

CDIR Command

FROM SERVER: +MIT-XX SFTP Service

user akmu999

FROM SERVER: +<akmu999> valid, send account and password

pass 12345678

FROM SERVER: ! Logged in

cdir C:\Users\ArjunAsri\Desktop\akmu999\FolderB

FROM SERVER: +directory ok, send account/password

user akmu999

FROM SERVER: +<akmu999> valid, send account and password

pass 12345678

FROM SERVER: ! Logged in

cdir C:\Users\ArjunAsri\Desktop\akmu999\FolderB

FROM SERVER: !Changed working dir to C:\Users\ArjunAsri\Desktop\akmu999\FolderB

list f

FROM SERVER: Nothing in folder

The folder was empty and therefore nothing in folder was returned

For CDIR command user Adrian does not need password