

# INTEGRATION TESTING REPORT

## TestCase 1: Authenticated User Login

```
cg83-user26@instance-1:~/CGSprint2/CGSprint2/CUT/Code$ cd Client/Make/
cg83-user26@instance-1:~/CGSprint2/CGSprint2/CUT/Code/Client/Make$ make
gcc -o ../obj/client.o ../src/client.c -c
gcc -o ../bin/client.exe ../obj/client.o
../bin/client.exe
[+]Server socket created successfully.
[+]Connected to Server.
Please enter username:sushanth
Welcome sushanth Please enter password:123
Authenticated as: sushanth
Enter a choice:
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
7
```

## TestCase 2: Authenticated User pwd:

```
Enter a choice:
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
4
/home/cg83-user26/CGSprint2/CGSprint2/CUT/Code/Server/var/ftp/sushanth

Enter a choice:
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
6
```

## TestCase 3: ls command

```
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
3
cli.txt
sushanth.txt

Enter a choice:
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
```

TestCase 4: Download File from server:

```
Enter a choice:
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
1
enter the file to download:sushanth.txt
Downloaded Successfully
File not available
Enter a choice:
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
5
enter the file to read:
```

```
cg83-user26@instance-1: ~/CGSprint2/CGSprint2/CUT/Code/Client/data
cg03-user26@instance-1:~$ cd CGSprint2/CGSprint2/CUT/Code/Client/data/
cg83-user26@instance-1:~/CGSprint2/CGSprint2/CUT/Code/Client/data$ ls
client.txt  gk.TXT  hi.txt  new.TXT  sample.txt  upload.txt
cg03-user26@instance-1:~/CGSprint2/CGSprint2/CUT/Code/Client/data$ ls
client.txt  gk.TXT  hi.txt  new.TXT  sample.txt  sushanth.txt  upload.txt
cg83-user26@instance-1:~/CGSprint2/CGSprint2/CUT/Code/Client/data$
```

## TestCase 5: Cat Command

```
enter the file to read:sushant.txt

Enter a choice:
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
5
enter the file to read:sushanth.txt
Hi from sushanth my file file location is in var/ftp/sushanth

Enter a choice:
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
```

Test Case 6: Upload file from client to users directory on server

```
Enter a choice:
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
2
enter the file to upload:sample.txt
Uploaded Successfully

Enter a choice:
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
█
```

TestCase 7: Quitting Server

```
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
2
enter the file to upload:sample.txt
Uploaded Successfully

Enter a choice:
1- download - get REMOTE FILE_NAME
2- upload - put LOCAL FILE_NAME
3- Browse REMOTE DIRECTORY
4- PWD
5- Read
6- Bye
6
Quittingcg83-user26@instance-1:~/CGSprint2/CGSprint2/CUT/Code/Client/Make$ █
```

TestCase 8: Anonymous user login

```
[+]Server socket created successfully.  
[+]Connected to Server.  
Please enter username:afhdj  
Authenticated as: Anonymous  
Enter a choice:  
1- download - get REMOTE FILE_NAME  
2- upload - put LOCAL FILE_NAME  
3- Browse REMOTE DIRECTORY  
4- PWD  
5- Read  
6- Bye
```

TestCase 9: Restricting download privilege for anonymous user

```
[+]Server socket created successfully.  
[+]Connected to Server.  
Please enter username:afhdj  
Authenticated as: Anonymous  
Enter a choice:  
1- download - get REMOTE FILE_NAME  
2- upload - put LOCAL FILE_NAME  
3- Browse REMOTE DIRECTORY  
4- PWD  
5- Read  
6- Bye  
1  
No Permission to execute
```

TestCase 10: directing anonymous user to public directory

```
Enter a choice:  
1- download - get REMOTE FILE_NAME  
2- upload - put LOCAL FILE_NAME  
3- Browse REMOTE DIRECTORY  
4- PWD  
5- Read  
6- Bye  
4  
/home/cg83-user26/CGSprint2/CGSprint2/CUT/Code/Server/var/ftp/pub
```