Fail to upload file from client to server

user input
server's output
client's output

client

server

"ftp > put <file name>"

send put <file name>

"Put command received.
Prepare to receive file

open a temp socket
listen for connection
on ephemeral port

Send ephemeral port

Open a socket
on ephemeral
port

Connect to server

Connect to port # <ephemeral_port>

Accept connection

Uploading <file name>

Send file

X

Fail to upload <file name>

Receive <file name> from client

Closing socket

Doesn't receive <file name>

Close

Close