

Sr No	Description	Expected Results	Actual Results	Status
1	Registration of Peers at Indexing Server Peer Entering port number, directory path containing the files and the Peer id	Peers should get registered in Indexing server.	Indexing Server registers all the provided details in Index.	Pass
2	Peer entering random text when prompted Search,Delete or Exit input	It should throw an message for selecting a proper input	Message is being displayed when wrong input given "Please select appropriate choice"	Pass
3	If Peer didnt enter the file name or enter wrong file name which is not present in Indexing Server	It should return an error message	An Error message is being thrown saying "Sorry, File which you are searching doesn't exist in our Server"	Pass
4	Displaying a message indicating which peers have specified file	It should show a list of peers having that specified file	A list of Peers appears on screen whenever a file is searched on Index Server	Pass
5	Entering wrong name from the Peers list having the requested file	It should return an error message for not selecting proper peer id	An error message is displayed where it asks user to re-enter the searching choice.	Pass
6	After downloading a file, updating the index server	Peer should automatically update the index server about new downloaded file	Peers does an entry in Indexing server and updates the Index.	Pass
7	For Deletion, Peer didn't enter the file name or enter wrong file name which is not present in that peer	It should return an error message	An Error message is being thrown saying "Sorry, File which you are searching doesn't exist in our Server"	Pass
8	If Peer 3 is selecting Peer id 2 for downloading the requested file and at the same time Peer 2 is deleting the file	Error message should be shown.	An message is thrown saying "File is not present in remote location"	pass
9	Peer deleting a file from its directory	Peer should automatically update the index server about the deletion	Peers initiates an request to Indexing server to remove the file entry from the Index	Pass
10	One peer crashes down abruptly and another peer wants to download the file from that peer	An Exception should occur while downloading the file	A Java Connection Refuse exception occurred. " Connection refused to host: "	Pass