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## Servicemap.c

The servicemap c file contains the struct myData structure where it can contains where it can contains the name and data . after running the servicemap.c file it can wait to receive messages from server and client where it can provide services. And display the message

#### Server.c

The server c file will accept the request from client like the account number then it read the data from the db21 file and searches for the record. If It finds the display the bank record details.

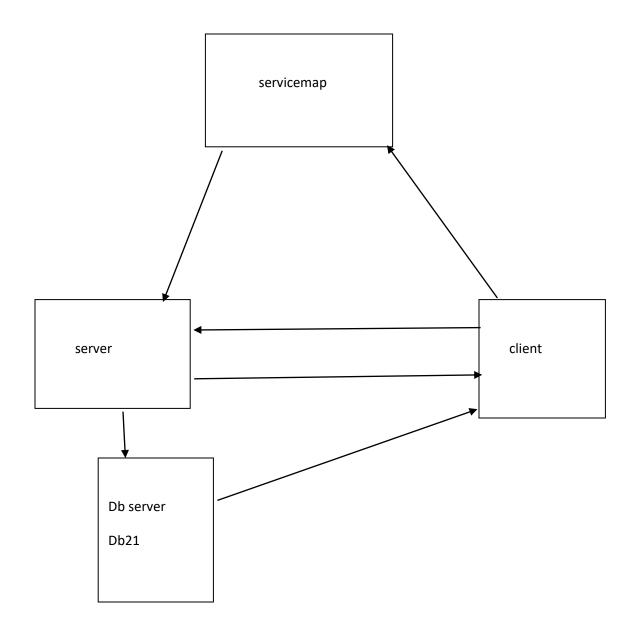
After getting the update query from the client then it can update the information in a update file .

### Client.c

The client can register its information in service mapper file ok the port is connected then client the retrieve the records from the server then the client can receives the information.

The client can also update the query where the server can receive and change the results and forward the formation to client

# **Design/Impementation**



First, the communication between client and server I used tcp socket and udp program

Second, client to service map udp broad cast messaging

Working when we run servicemap executable map then we open second terminal of other server to run the server then it will port registration message and then we open another terminal and run client program we get the service request from the sevicemap of Getbank620.

When ever the query request from the client it goes to the server there is db21 file we need to establish connection and there will be record in that file whenever we given number as argument it check with database information in the server and it send the record information like that we can get information and updated the record information.

#### **DEBUGGING/EXPERIENCE:**

### ./servciemap

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./server

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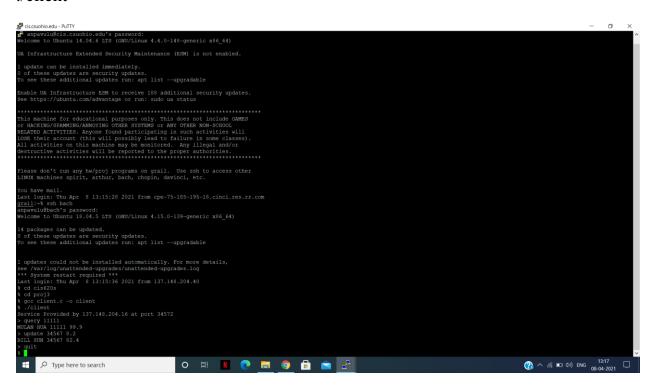
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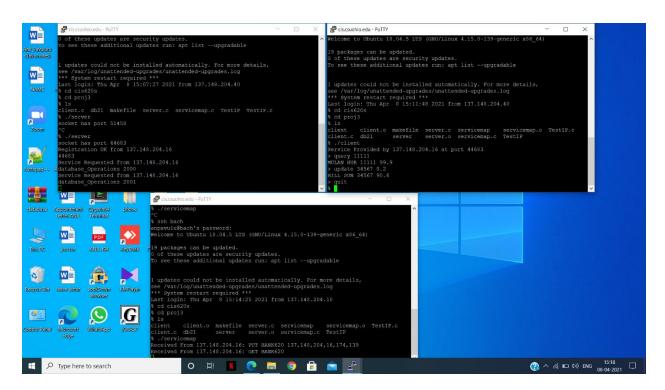
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### ./client



# Output:



When I taken the same server ip address for client and server it was coming some thing where I am taken different server Arthur for servermap,(137.148.204.17) brahms for server degas(137.148.204.29) for client I get the ipaddress correctly and given in the code also it was not able establishing the connection.

**Project status: NOT WORKING**