1. CLIENT AND SERVER CONNECTION SUCCESSFUL

```
alokkumar@LAPTOP-G984UAED:/mnt/f/CFSS_FINAL/CFSS_f$ ./bin/Server 127.0.0.1 4005
Server Socket Created Successfully!!!!
Binding done
Listening....
```

```
Client Socket Created Successfully!!!!
New client connected to the Server
Welcome to server
Select the required option

 1.Register
 2.Existing User
 3.Make call
Press any other number to exit
```

2. CLIENT AND SERVER CONNECTION UNSUCCESSFUL
a) Invalid IP Address

```
alokkumar@LAPTOP-G984UAED:/mnt/f/CFSS_FINAL/CFSS_f$ ./bin/Server 127.0.0 4005
Invalid IP
alokkumar@LAPTOP-G984UAED:/mnt/f/CFSS_FINAL/CFSS_f$
```

b) Invalid Port Address

```
alokkumar@LAPTOP-G984UAED:/mnt/f/CFSS_FINAL/CFSS_f$ ./bin/Server 127.0.0.1 4000000
Invalid port number
alokkumar@LAPTOP-G984UAED:/mnt/f/CFSS_FINAL/CFSS_f$
```

3

3.1 IF YOU WANT TO REGISTER FOR THE SERVICE

```
/*******************************************************************************
-----------------------------------Registering-----------------------------------
*******************************************************************************/

 Enter phone No
7077512519
Enter password
Enter type of call forwarding
 1.Unconditional
 2.Busy
 3.No reply
1
What will be your current call status
 1.Unconditional
 2.Busy
 3.No reply
1
Enter number to be call forwarded to
9938549414
Press 1 if you want service to be enable or press 0 to disable
1
Successfully Registered
```

3.2 Entries in Database

```
7894561230,1,1,1,9874563210
6265547995,1,1,2,9406564730
7418529630,0,2,3,9638527410
7007557422,1,1,1,9044800739

7077512519,0,2,1,9938549414

7077512519,0,1,1,9938549414

7008067215,0,1,1,9638520741
```

4. IF YOU ARE ALREADY AN EXISTING USER

a) To enable or disable the service

```
/*********************************************************************************************************
---------------------------------------------------------Login---------------------------------------------------------
*********************************************************************************************************/
Enter phone No
7008067215
Enter password
Alok3108




Login class confirm succesful login
/*********************************************************************************************************
--------------------------------------------------------Updation--------------------------------------------------------
*********************************************************************************************************/
Press - for choices
 1 - Enable or Disable the call forwarding service
 2 - Deregister from our services
 3 - Changing the types of call forwarding
 4 - To view your service status
1
Enter 1 to enable or 0 to disable services
0
Successfully Updated
```

b) To deregister from the service

```
/*********************************************************************************************
-------------------------------------------------Updation-----------------------------------------------
*********************************************************************************************/
Press - for choices
 1 - Enable or Disable the call forwarding service
 2 - Deregister from our services
 3 - Changing the types of call forwarding
 4 - To view your service status
2
If you want to Deregister - Enter 0 else 1
0
successfully updated
```

c) To change the types of call forwarding

```
/*********************************************************************************************
-------------------------------------------------Updation-----------------------------------------------
*********************************************************************************************/
Press - for choices
 1 - Enable or Disable the call forwarding service
 2 - Deregister from our services
 3 - Changing the types of call forwarding
 4 - To view your service status
3
Enter type of call forwarding
 1.Unconditional
 2.Busy
 3.No reply
2
Successfully Updated
```

d) To view the current service enabled status

```
/*********************************************************************************************
-------------------------------------------------Updation-----------------------------------------------
*********************************************************************************************/
Press - for choices
 1 - Enable or Disable the call forwarding service
 2 - Deregister from our services
 3 - Changing the types of call forwarding
 4 - To view your service status
4
You have enabled the services
Type of Call Forwarding selected is Unconditional
```

e) If any wrong choice is entered

```
/*********************************************************************************************
-------------------------------------------------Updation-----------------------------------------------
*********************************************************************************************/
Press - for choices
 1 - Enable or Disable the call forwarding service
 2 - Deregister from our services
 3 - Changing the types of call forwarding
 4 - To view your service status
6
Invalid Choice!
```

5. If we want to make a call

```
/**************************************************************************************************
----------------------------------------------Make Call----------------------------------------------------
***********************************************************************************************/
Enter the number you want to call
7077512519
Your call has been forwarded to 9938549414

 1.Register
 2.Existing User
 3.Make call
 Press any other number to exit
```