**Client**

1. **Login - server response: 0, 1**method = 0  
   user = “username”  
   password = “password”
2. **Logout – server response: 0, 1**method = 1  
   user = “username”
3. **Register – sever response : 0, 1**method = 2  
   user = “username”  
   password = “password”
4. **Send Message – server response: 2**method = 3  
   message = “content of message”  
   sender = sender\_id  
   receiver = receiver\_id
5. **Create group – server response: 0, 1**method = 4  
   message = “group name”  
   sender = sender\_id
6. **Add person to group – server response: 0, 1**method = 5  
   message = “Add person with ID to group ID”  
   sender = sender\_id  
   receiver = receiver\_id  
   group = group\_id
7. **List all users – server response: 3**method = 6  
   sender = sender\_id  
   group = -1|group\_id
8. **Sending file – server response: 0, 1**method = 7  
   sender = sender\_id  
   receiver = receiver\_id  
   group = group\_id