Commands:

1. SIGNUP -> UserName, Password
2. SIGNIN -> UserName, Password
3. SEND -> UserName, Message (for P2P text message)
4. SEND\_FILE -> UserName, FilePath (for P2P file share)
5. GROUP\_SEND -> GroupName, Message (for group message)
6. GROUP\_SEND\_FILE -> GroupName, FilePath (for sharing file in a group)
7. CREATE -> GroupName
8. JOIN -> GroupName
9. LIST

Server Class Diagram:

Graphical user interface

Description automatically generated

Client Class Diagram:

Graphical user interface

Description automatically generated