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| **Use Case Name:** | Implement a real time chat system | |
| **Scenario:** | User is viewing a subgroup and decides to send a message to other users within the same subgroup | |
| **Trigger Event:** | The user wants to add a message to the text chat | |
| **Brief Description:** | A user can send and view messages within a group without the page refreshing | |
| **Actors:** | User | |
| **Related Use Cases:** | Shared document that everyone can work on | |
| **Stakeholders:** | Users | |
| **Preconditions:** | User must be using a subgroup | |
| **Post Conditions:** | Ability to view oncoming messages without refreshing the page | |
| **Flow of Activities:** | **Actor**  1 User types a message into the text box  2 User submits the desired message within the chat | **System**  1 Submit form issued for the message  2.1 System adds message to the database  2.2 System returns message in the subgroup room |
| **Exception Conditions:** |  | |