Database Table: Chatrooms

Name
10 Global
11 Project1
12 Project2
13 CustomChannel1

Database Table: Chat Subscriptions

ID	Chat	roomID UserID	JoinTimestamp
	1	10	100 1455757856
	2	10	101
	3	10	102
	4	10	103
	5	11	100

Database Table: Users

1D Username
100 gwade
101 ferg
102 slip
103 juts

Database Table: Chat Messages

ID		Timestamp	FromID	Ch	nannelID	Message
	1000	1455754856	-	100	10	Greetings
	1001	1455755856	-	101	10	Greetings to you sir
	1002	1455756856	-	100	10	Fun Programming
	1003	1455757856	-	101	10	Yes, very.

Polling Structure

Client sends username and time of last message received server queries database for messages within subscribed channels server's response contains all new messages, along with a current timestamp

Interrupt Structure

Message added to messages table

Server sends message to all client connections that are subscribed to that channel