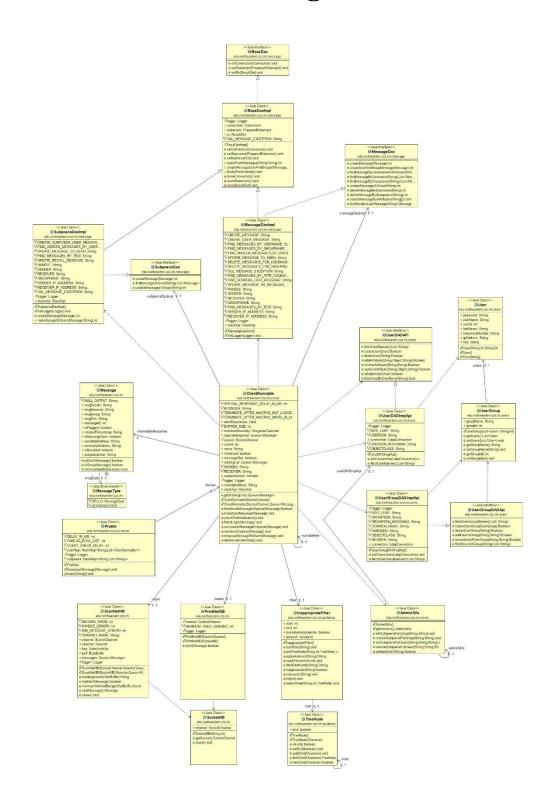
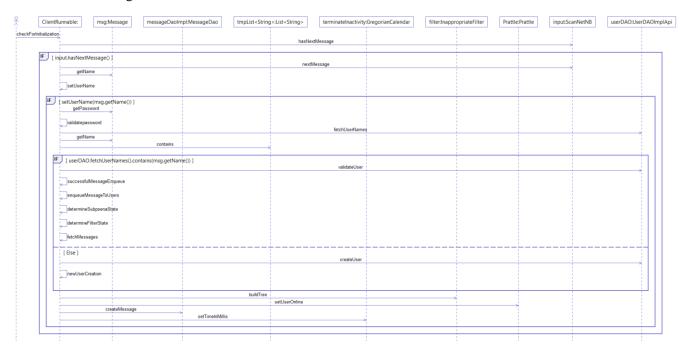
# **UML**

# **Class Diagram**

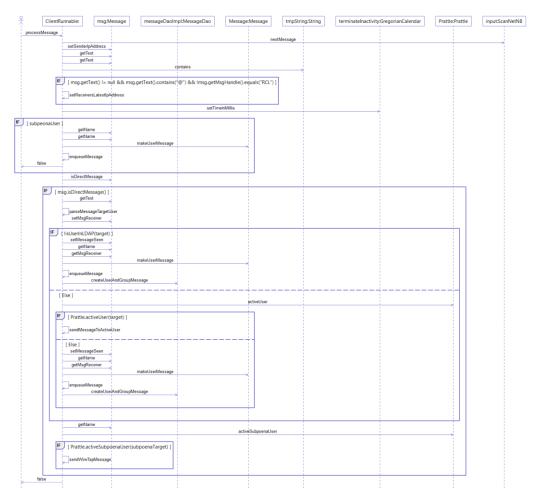


### **Sequence Diagrams**

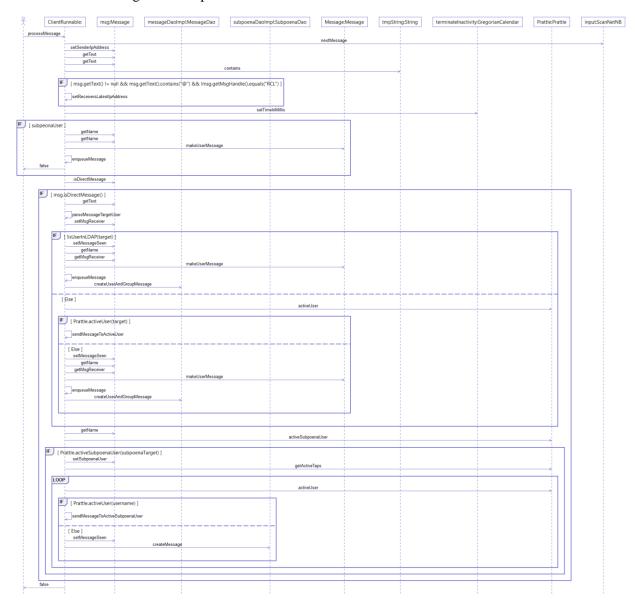
• Valid User login scenario



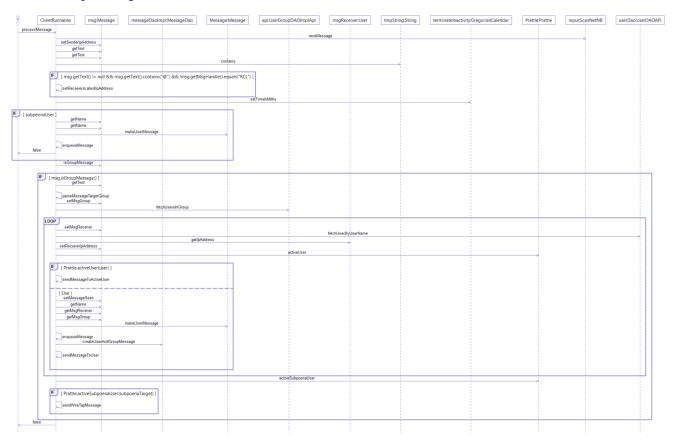
#### • Direct message from user to user scenario



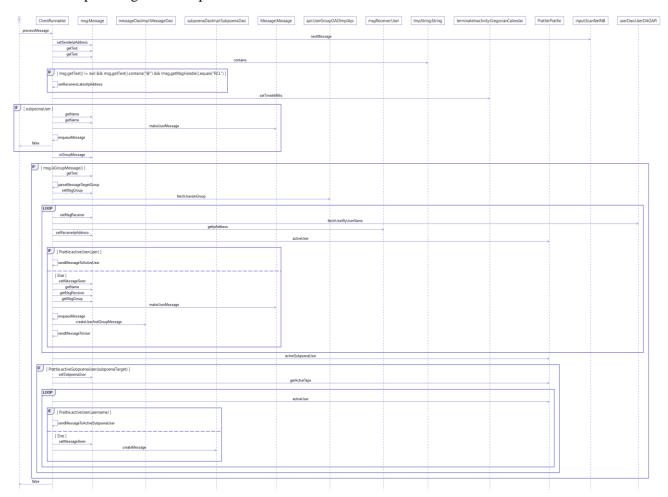
#### • Direct Message with subpoena user scenario



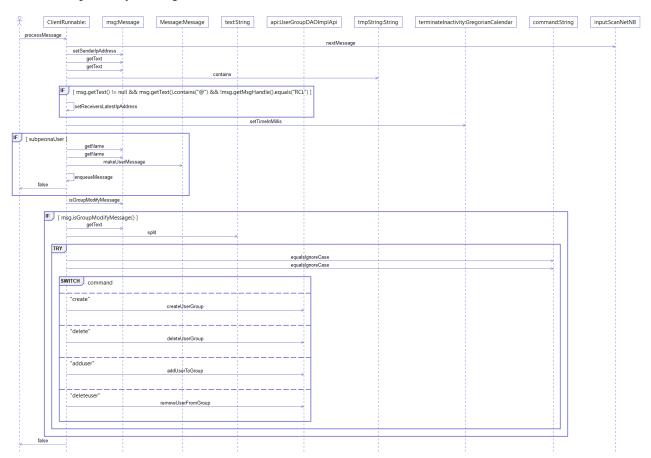
#### • Group message scenario



#### • Group message with subpoena scenario



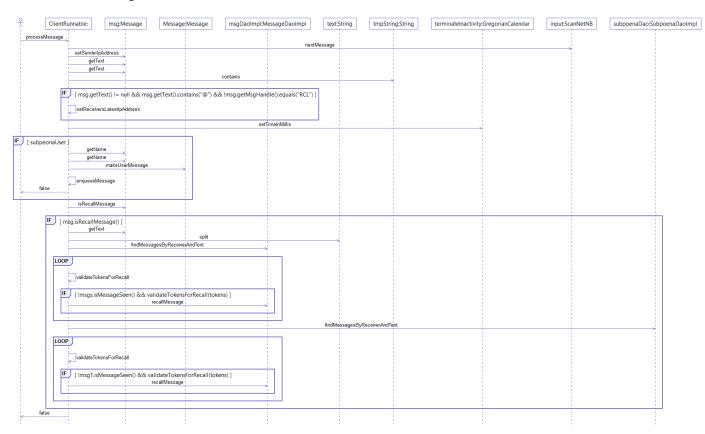
#### • Group modify message scenario



### • Search by attribute scenario

ClientRu	nnable: msg:N	Message Mess	age:Message	logger:Logger	text:String	tmpString:String	terminateInactivity:GregorianCalen	input:ScanNetNB	messageDao:Mes
cessMessage									
	setSenderlpAddress		-		nextMessage			<del></del>	
į.	getText	*							
	getText								
Ī		1	contains	3					
-									
IF	[ msg.getText() != r	ull && msg.getText()	.contains("@") &	& !msg.getMsgHan	dle().equals("RCL") ]				
	setReceiversLatestIp	Address							
Li									
				setTimeInMill	s				
-		-	<del></del>						
ubpeonaUser j	getName								
ļ.	getName	*							
İ		erMessage	j l						
			711						
false	enqueueMessage	1				1			
laise									
	isSearchByAttributes	į.							
		7							
IF (	msg.isSearchByAttrib	utes() ]							
	getText	×	i i			İ			
	checkMessageForSe	nderReceiver							
		1	splít						
					1				
	validateTokens								
IF	[ validateTokens(to	Vens) 1							
	[ validate rokelis(to	Kells) j			search	MessageByAttributes			
I Li									
	[ Else ]								
		info	i						i i
15									<del></del>
LO									
	makeUs	erMessage	_ ;						
	enqueueMessage								
	endnenemessage		11						
1 -		1				1			

#### • Recall Message scenario



#### • Admin message scenario

