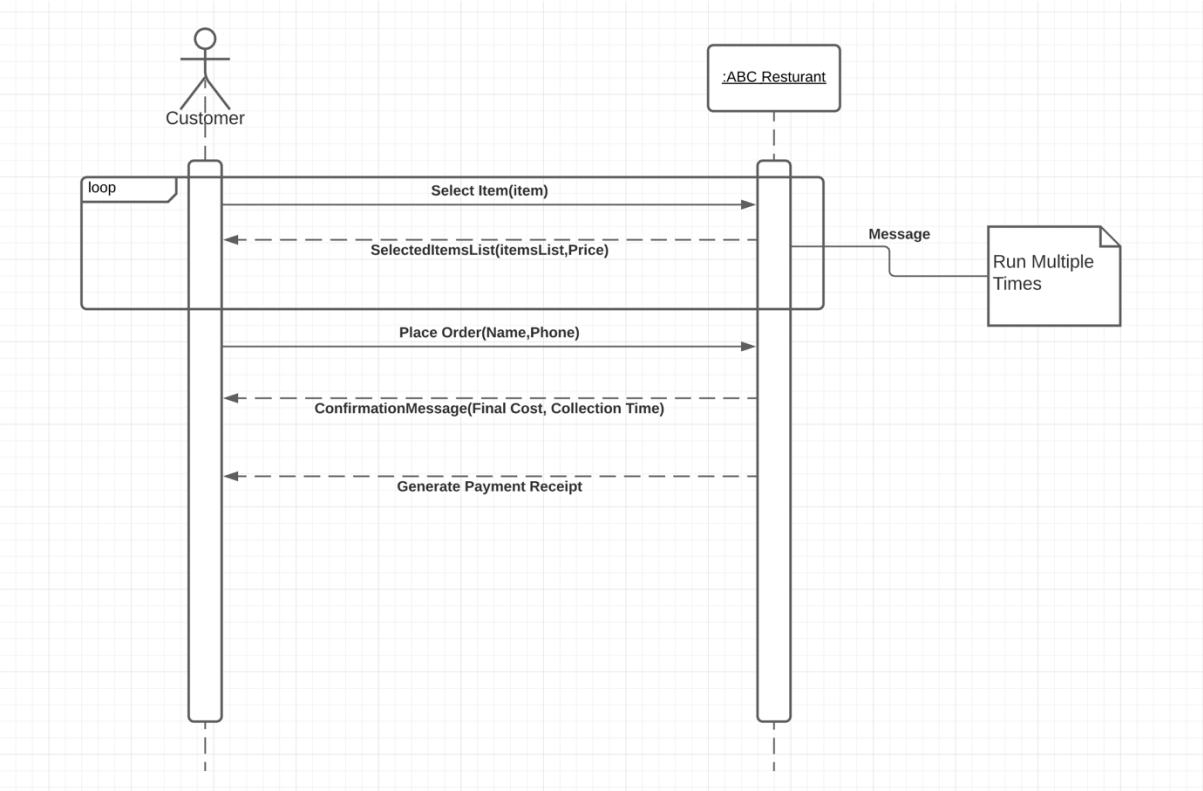
Lab No.7

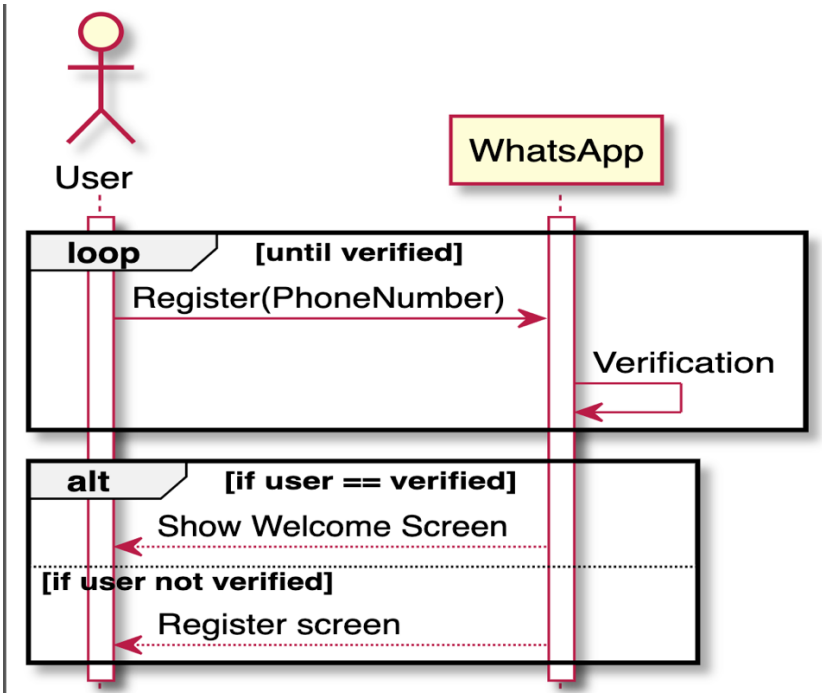
Submitted to:	• Saadia Shabbir
Submitted by:	• Muhammad Inam Ur Rehman • Roll No.12008 • BSSE-5B (Morning)
Subject:	• Software Construction & Design

Draw a system sequence diagram for customer placing an order ?

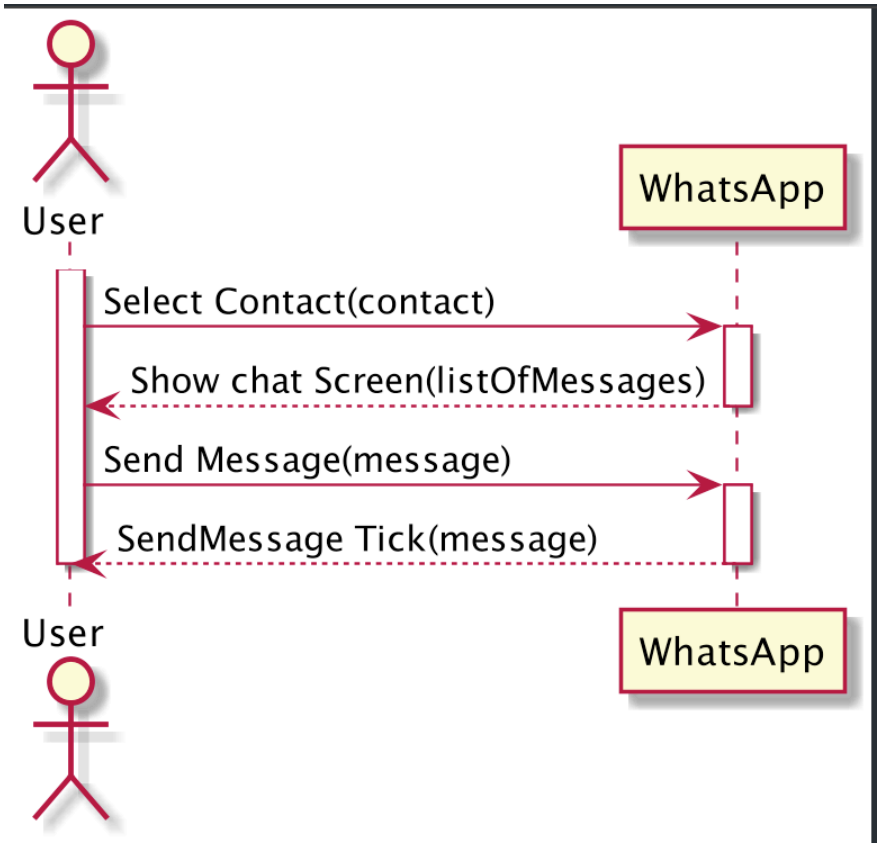


Draw a system sequence diagram and activity diagram for whatsapp social networking application ?

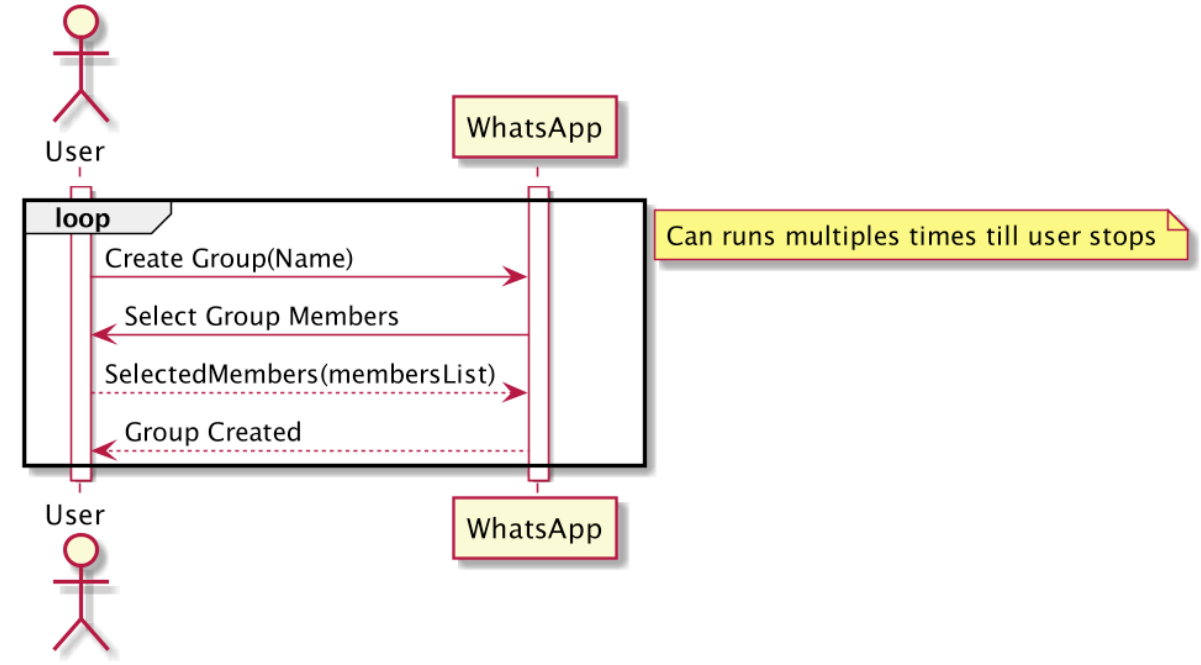
Register:



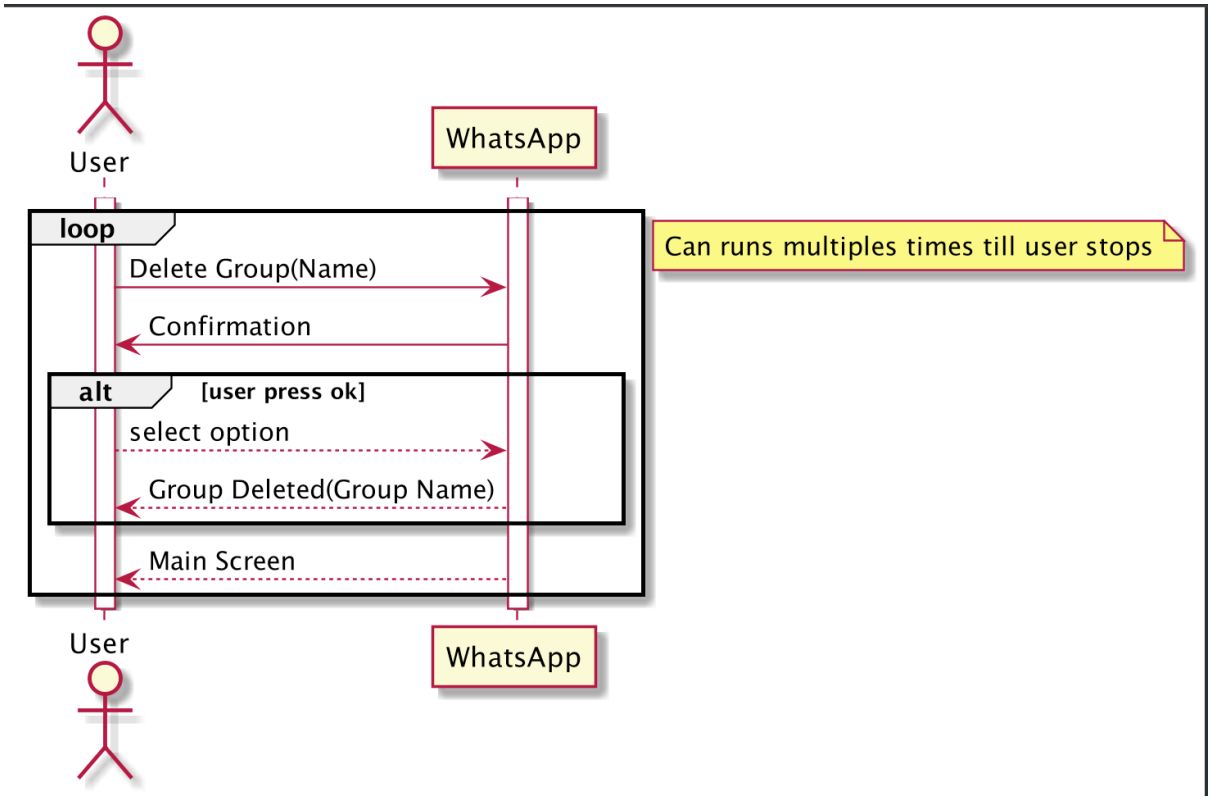
Send Message:

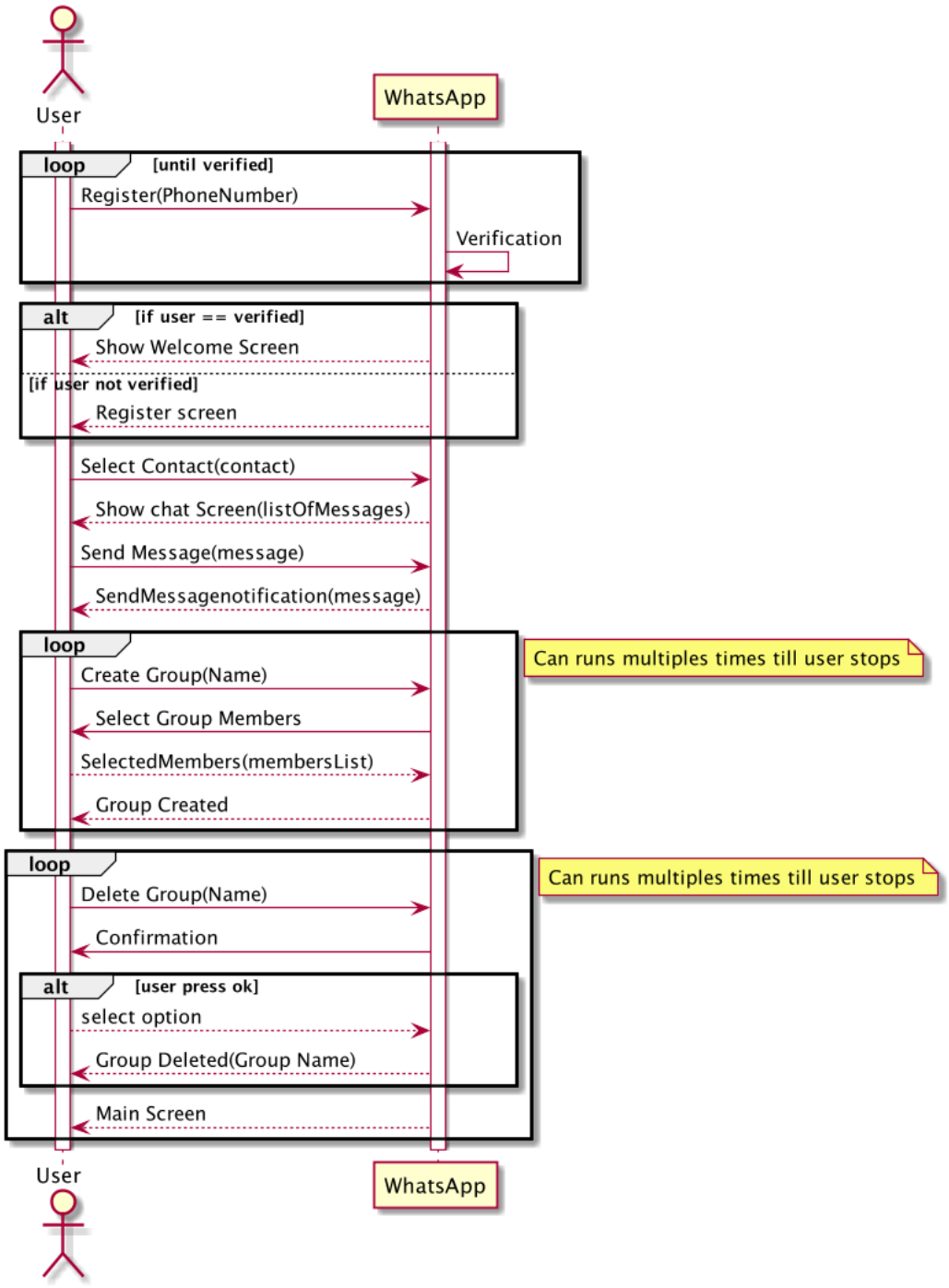


Create Group:

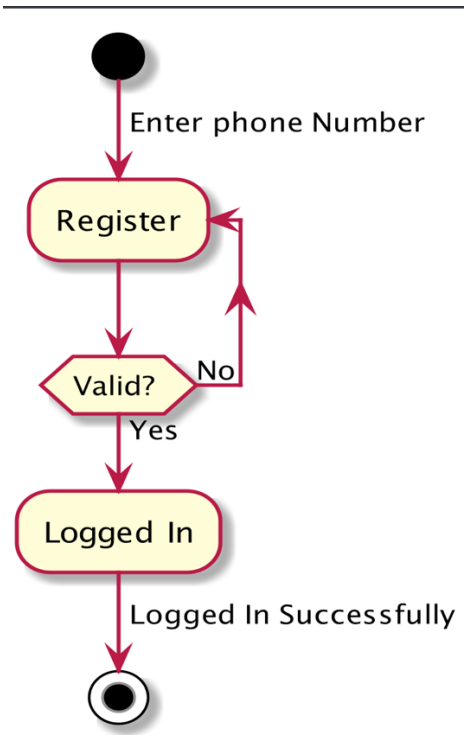


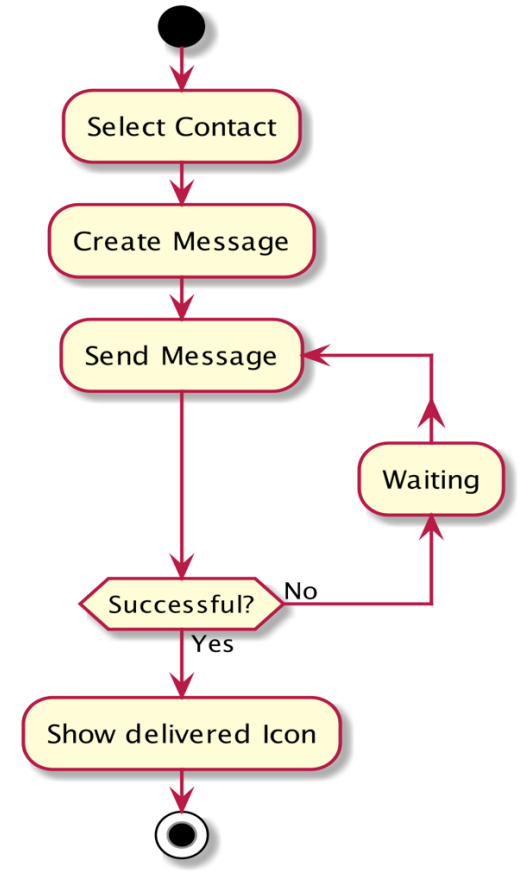
Delete Group:

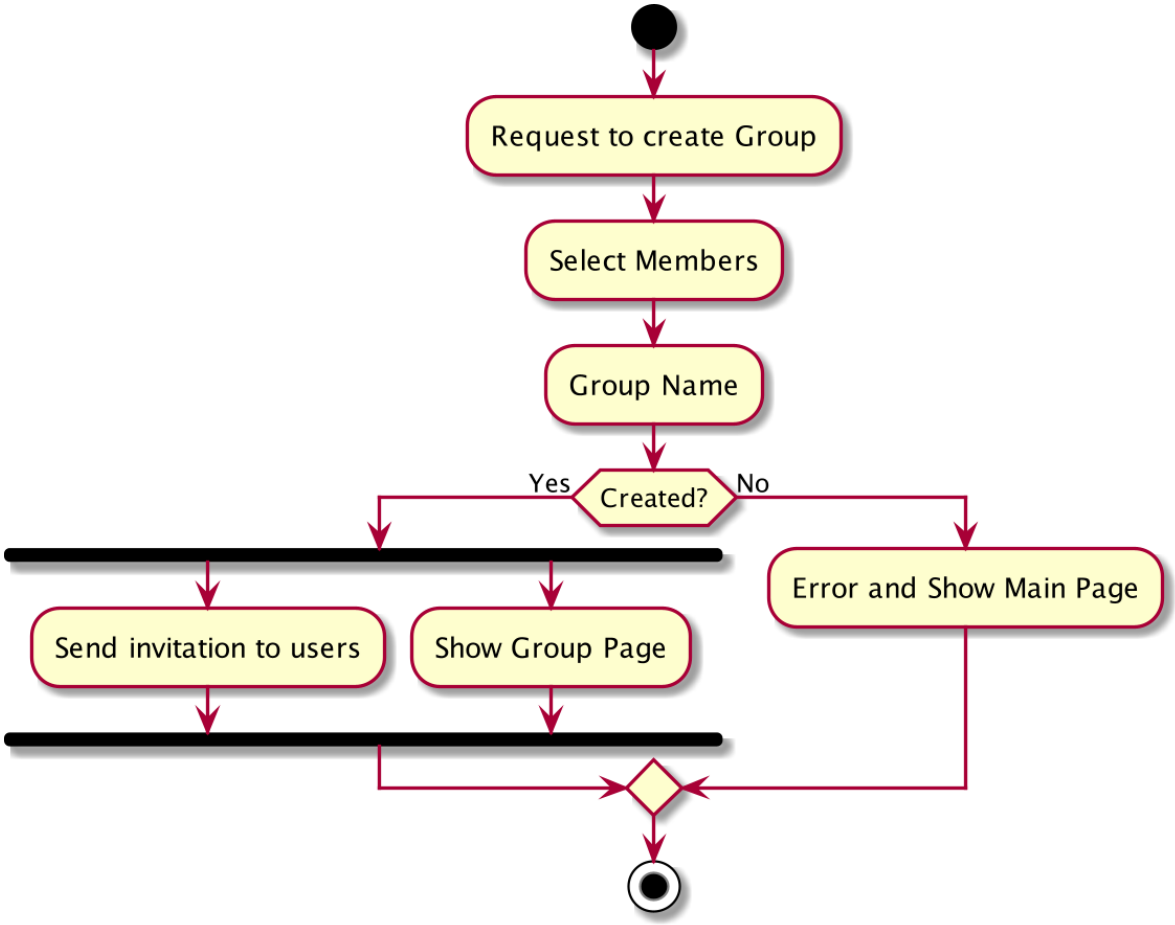


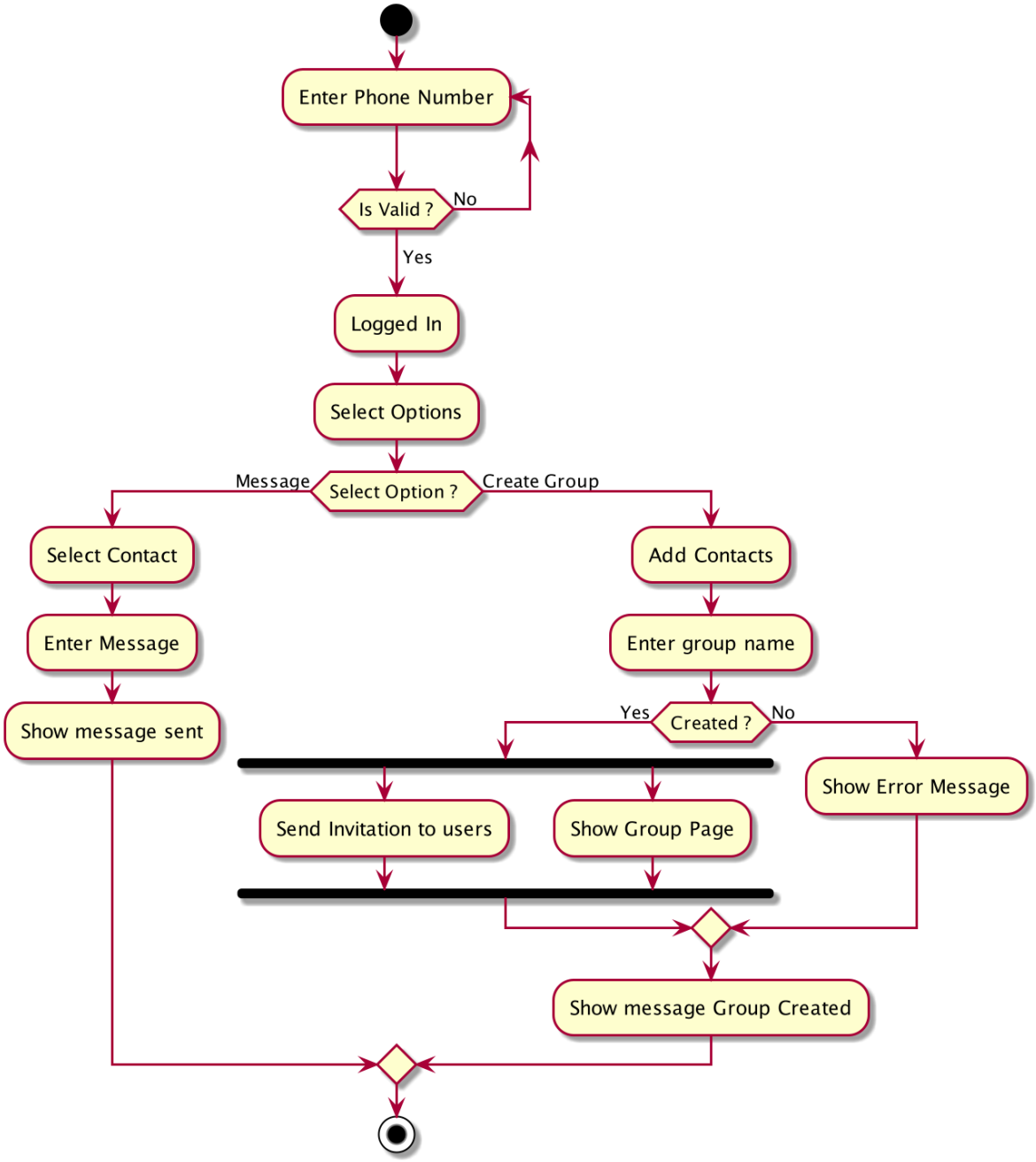

User
WhatsApp
loop
[until verified]
Register(PhoneNumber)
Verification
alt
[if user == verified]
Show Welcome Screen
[if user not verified]
Register screen
Select Contact(contact)
Show chat Screen(listOfMessages)
Send Message(message)
SendMessagenotification(message)
loop
Create Group(Name)
Select Group Members
SelectedMembers(membersList)
Group Created
Can runs multiples times till user stops
loop
Delete Group(Name)
Confirmation
alt
[user press ok]
select option
Group Deleted(Group Name)
Main Screen
Can runs multiples times till user stops
User
WhatsApp

Activity Diagram:






Request to create Group
Select Members
Group Name
Yes
Created?
No
Send invitation to users
Show Group Page
Error and Show Main Page


Enter Phone Number
Is Valid ?
No
Yes
Logged In
Select Options
Message
Select Option ?
Create Group
Select Contact
Enter Message
Show message sent
Add Contacts
Enter group name
Yes
Created ?
No
Send Invitation to users
Show Group Page
Show Error Message
Show message Group Created