Use Case Diagram

Add Contact

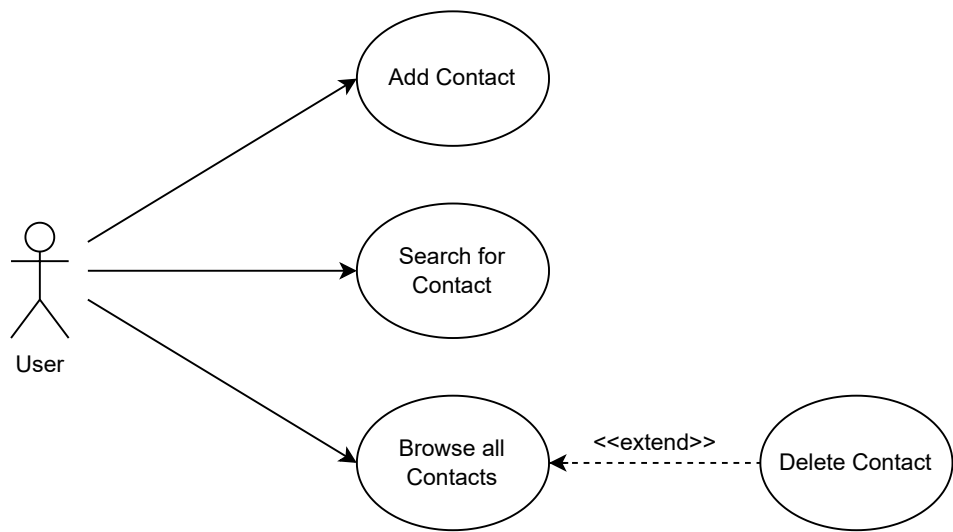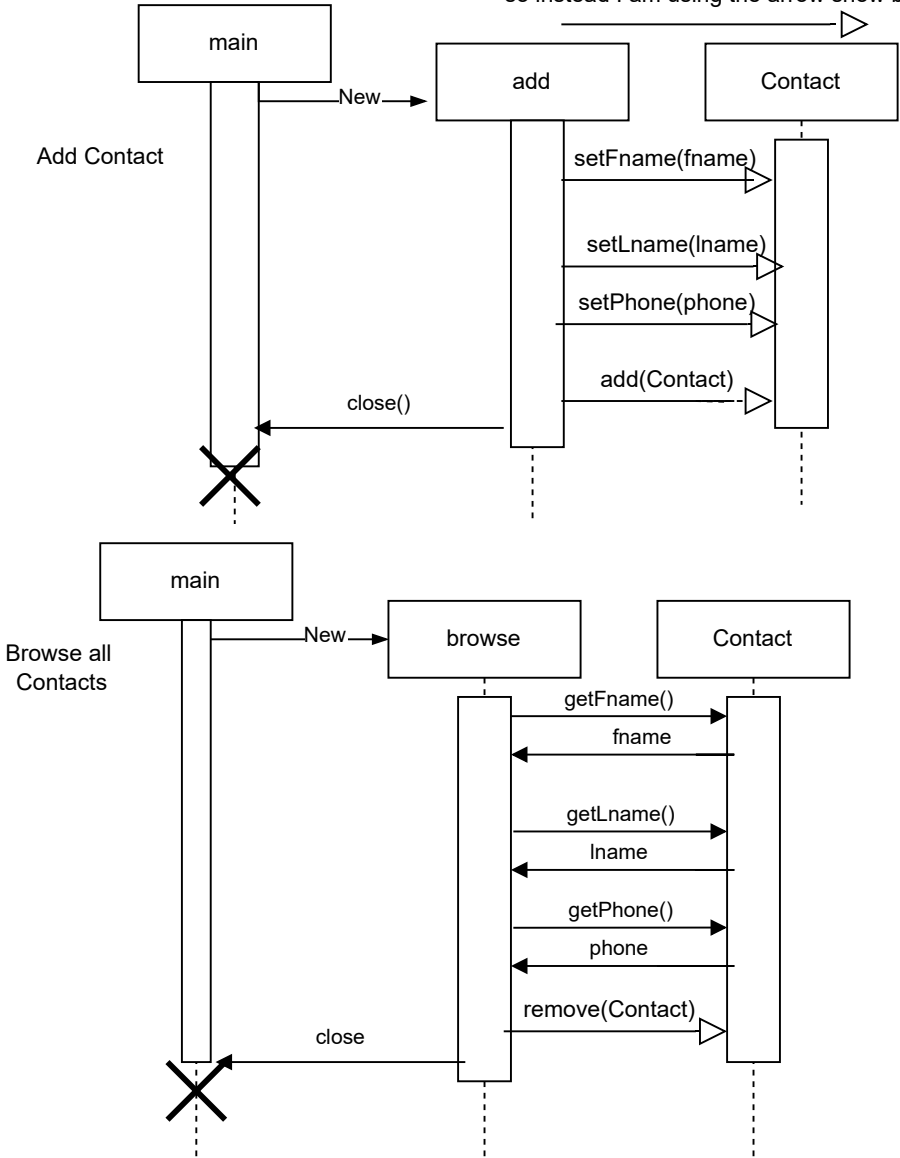Search for Contact

User

Browse all Contacts

<<extend>>

Delete Contact

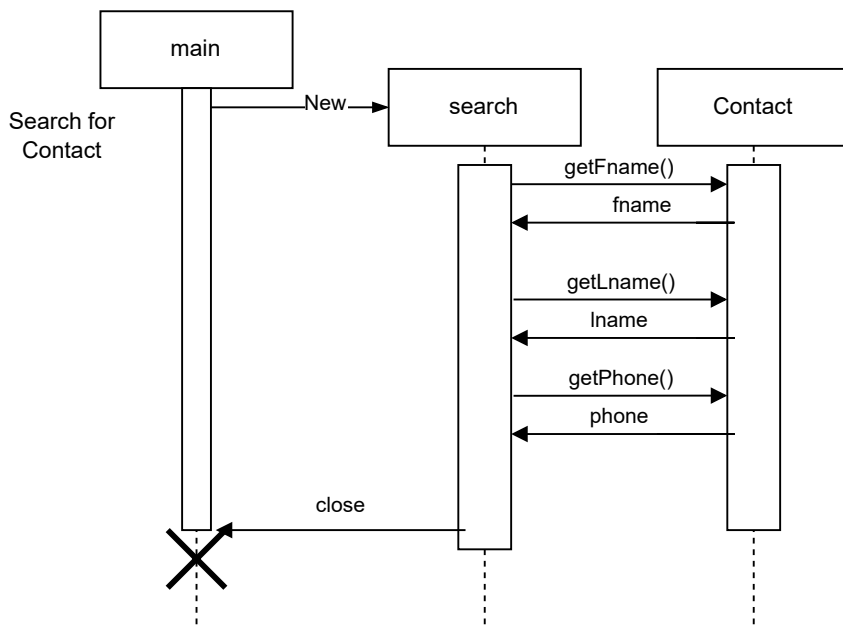# Sequence Diagrams

Please Note this software does not have the half arrow used to denote asynchronous communication so instead I am using the arrow show below

main

add

Contact

Add Contact

New

setFname(fname)

setLname(lname)

setPhone(phone)

add(Contact)

close()

main

browse

Contact

Browse all Contacts

New

getFname()

fname

getLname()

lname

getPhone()

phone

remove(Contact)

close

Search for
Contact

main — New → search   Contact

getFname()
fname

getLname()
lname

getPhone()
phone

close

Class Diagrams

Contact

~ fname: String
~ lname: String
~ phone: String
+ numberOfContacts: int
+ book: ArrayList<Contact>

JFrame

main

- paneIntro: JPanel

+ readData()
+ main()

search

- contentPane: JPanel
- txtSearch: JTextField
- table: JTable

add

- contentPane: JPanel
- txtFirst: JTextField
- txtLast: JTextField
- txtPhone: JTextField

+ add(Contact)

browse

- contentPane: JPanel
- table: JTable

+ remove(Contact)