Assignment - 6

1. Make phone call

Dialer	CellPhone	Receiver

opens the dialpad

Dials No.

callertune   Ringing

vibrates   Pickeup

"Hello"   "Hii"

2. Client Server

Client	Device	Server

unlocks device

shows display

clicks on application

shows options

selects options   requests selected option

shows on display   sends info about selected option
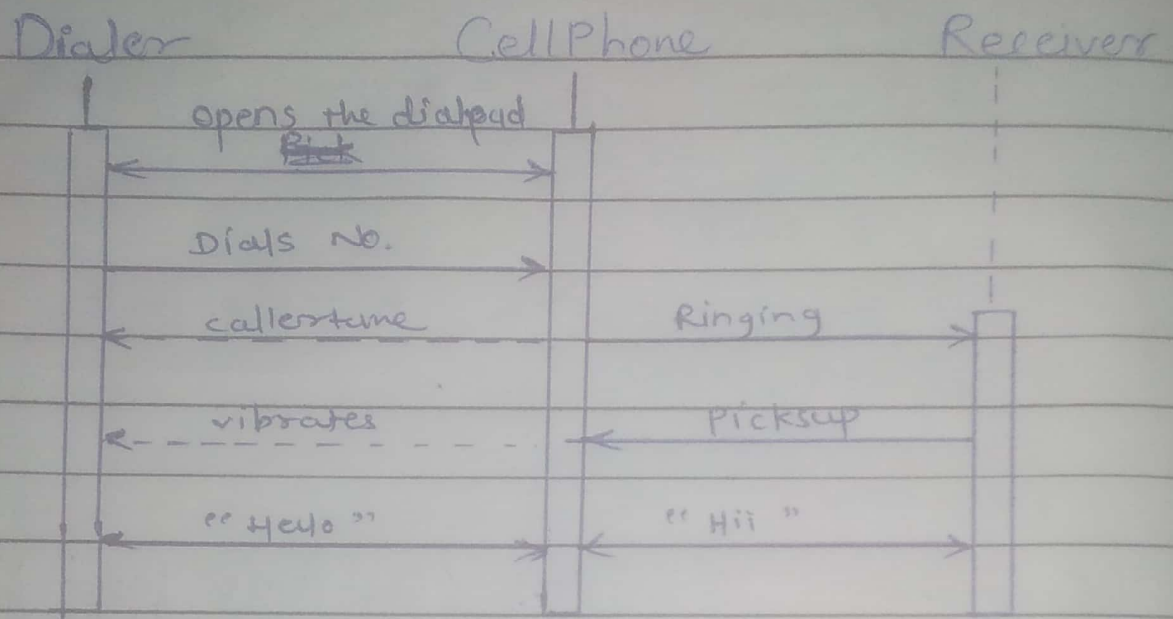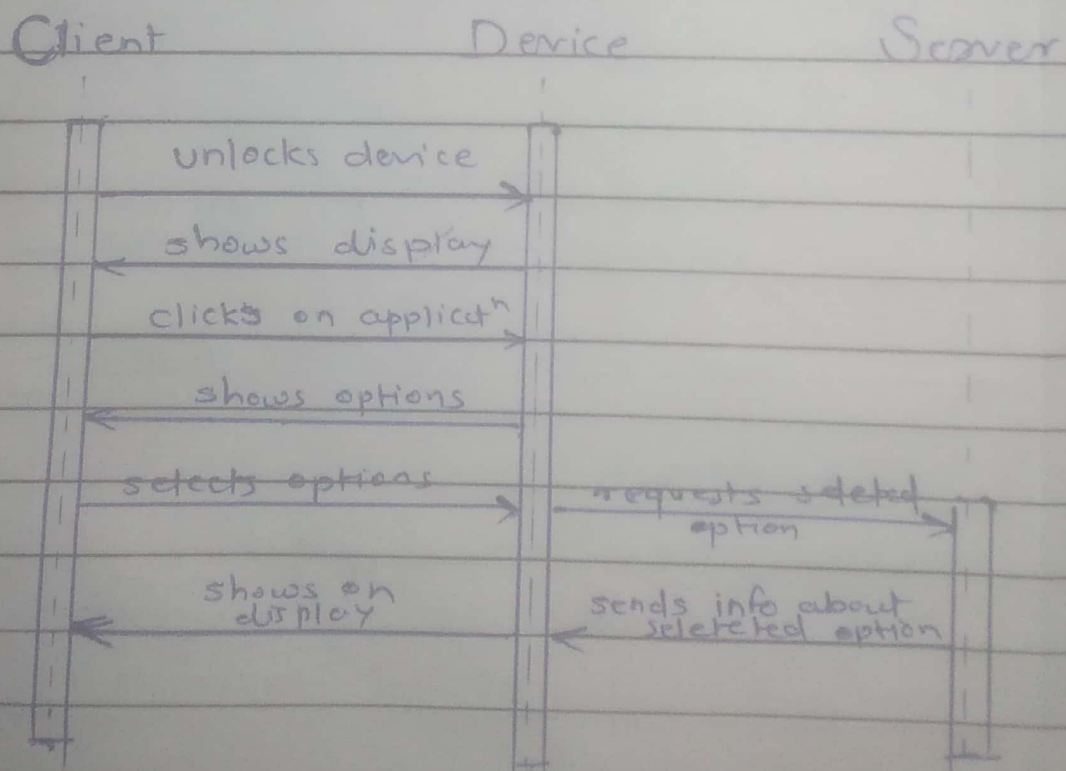
3. Sequence diagram for dispatching order and giving confirmation.

→

Order dispatch | Casefull: Dispatcher | Regular Dispatcher | Messenger

loop [for each item]

Alt [value > 10,000]

dispatch

dispatch

opt [needs confirmation]

confirms.
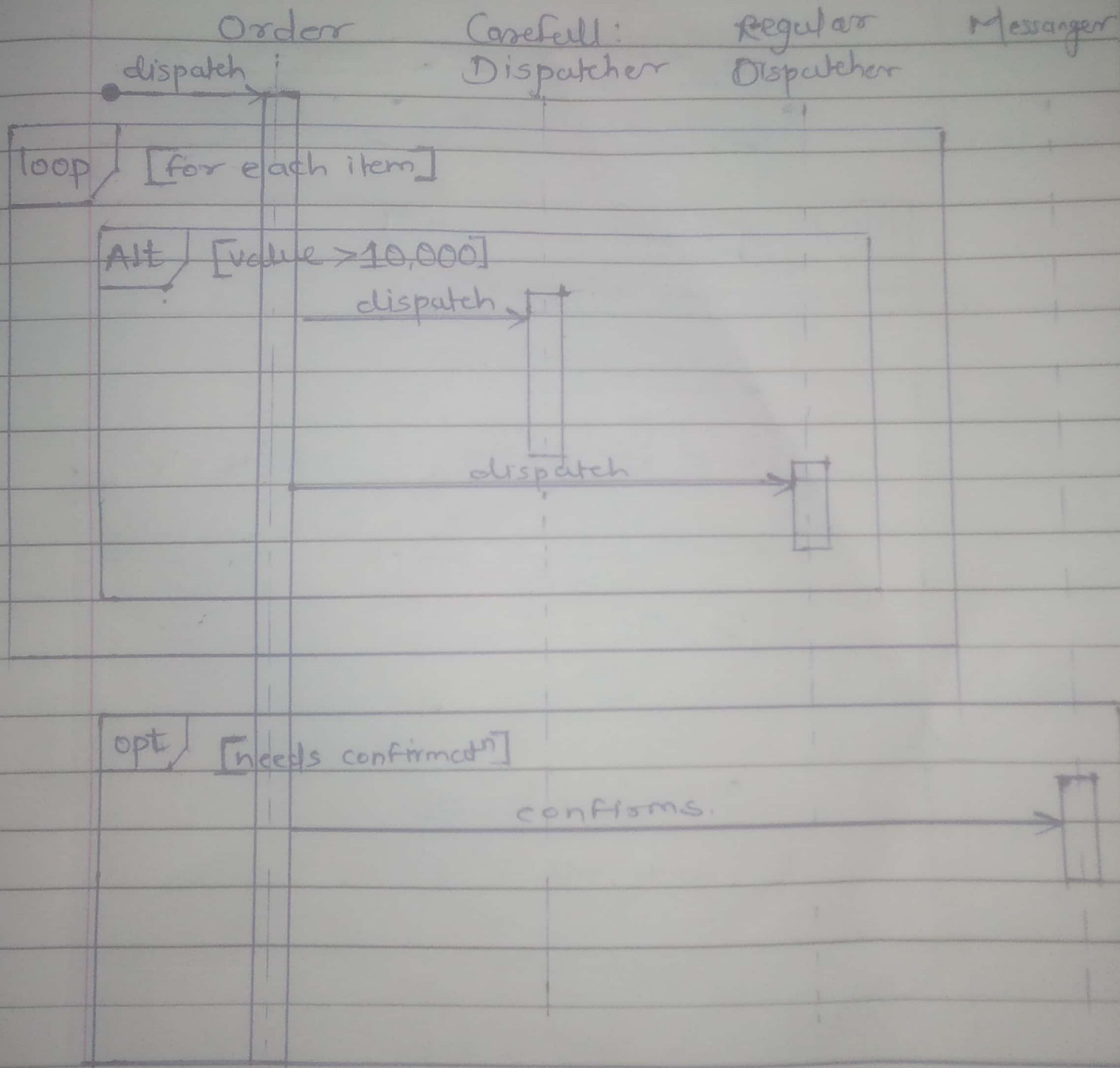
4. Online Book Store.

Customer   System   Database

- send request / searches in system for a book. → searches in db →
- info about result ← sends Ack ←

alt

[if book is available]

- add to cart →
- shows buying opt^n ←
- selects opt^n & buys → inform to db →
- sends message of confirmed order ← confirms order ←

[else]

- displays "Out of Stock" ←
- selects "Notify Me when available" →
- sends Ack. ←
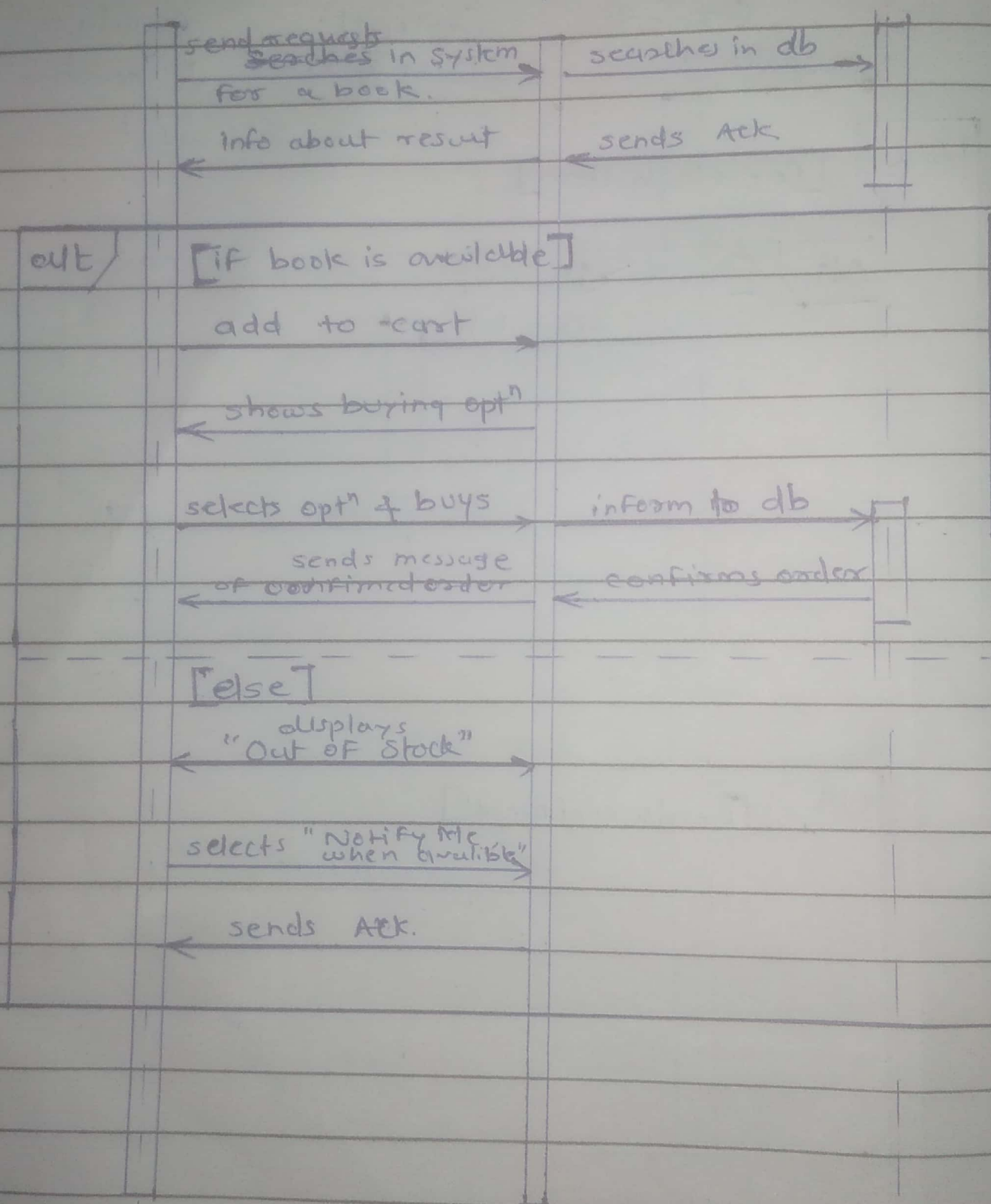
5. Government wishes to transfer subsidy to farmer's bank account with land less than 2 acres.

Farmer | System | Inspection ~~Database~~ Team | Database

Apply for scheme

loop [For every farmer]
request for document

uploads docs. → sends for inspection

alt [If documents matches to applied scheme]
notified by sms & ask for bank details ← approves form

upload bank details → sends to db to store data

transfers subsidy. ← gives confirmation for transaction

[else]
Displays invalid scheme ← Rejects form