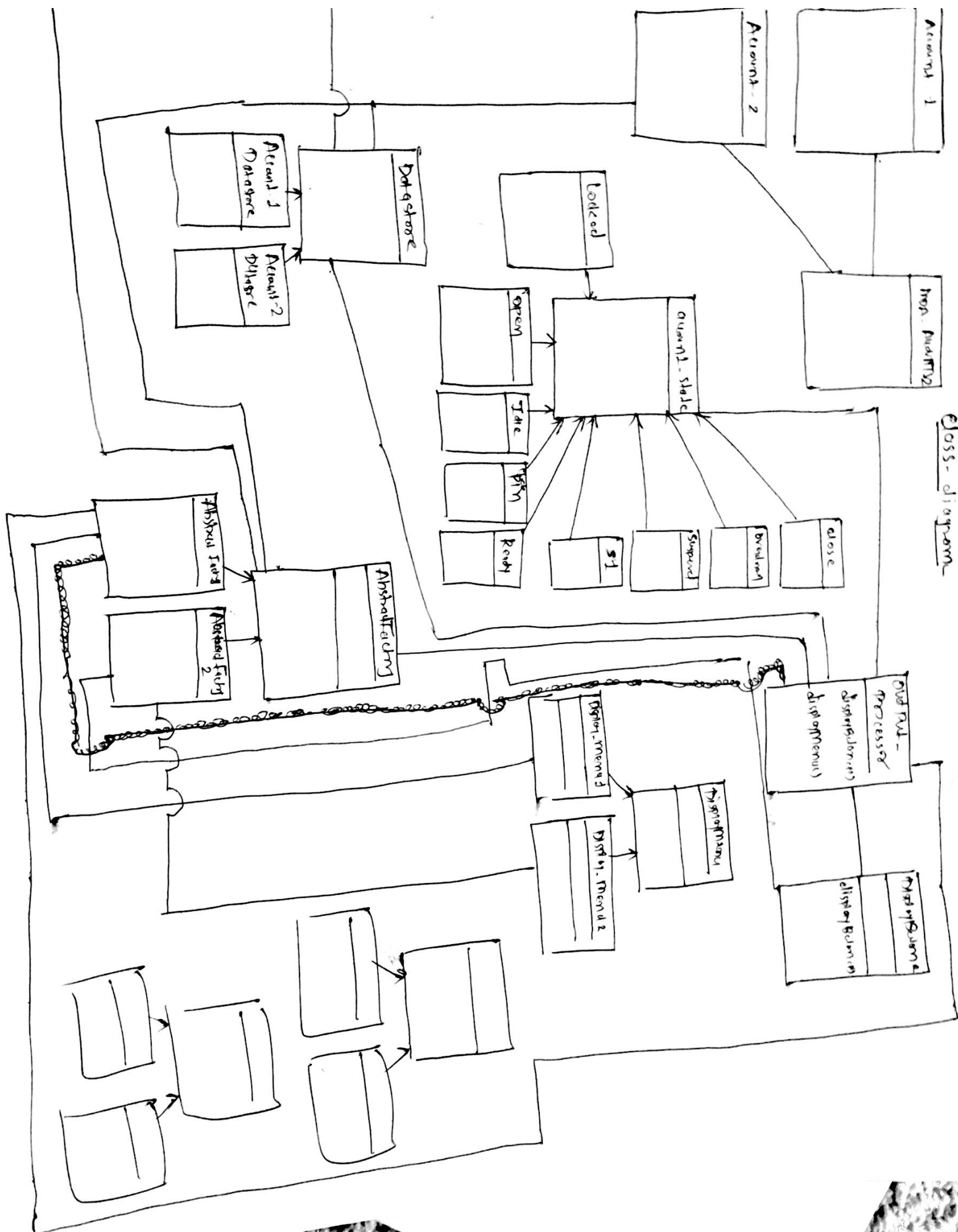
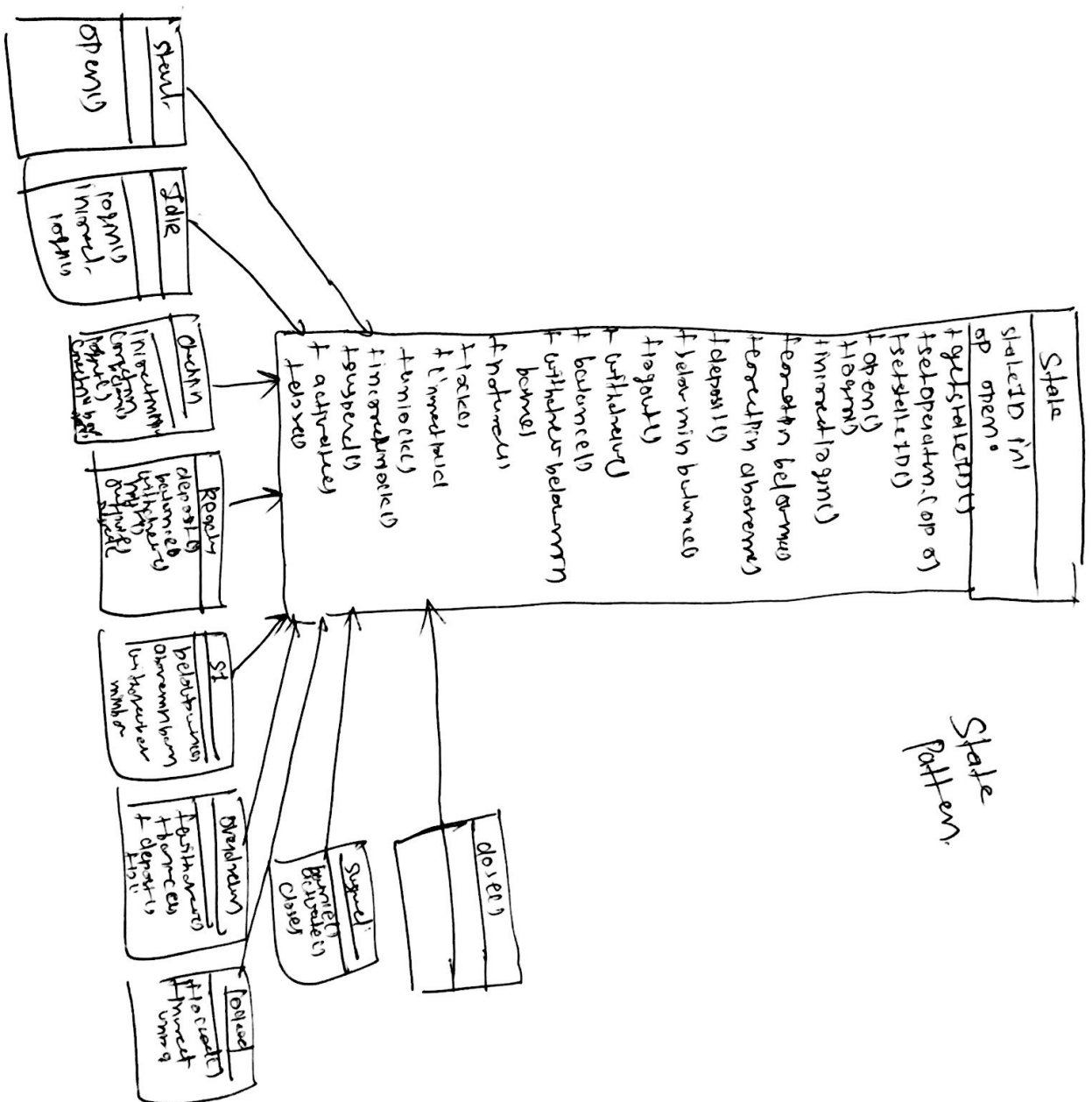
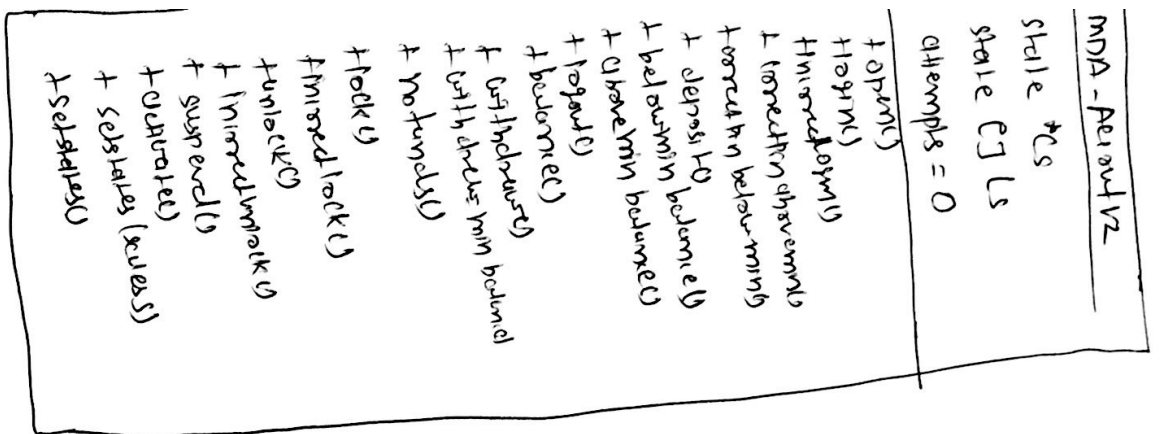


class-diagram



State
Pattern





Account-1

Abstract Factory *ato
Mda Name: mda
Package: ds.o

```
+ SalMda()
+ SalData()
+ SalFactory()
+ Open()
+ Pin (string x)
+ Deposit (float d)
+ Withdraw (float w)
+ Balance()
+ Login (string y)
+ Logout()
+ Lock (string x)
+ Unlock (string x)
```

Account-2

Abstract Factory *ato
Mda Name: mda
Package: ds.o

```
+ SalMda()
+ SalData()
+ SalFactory()
+ Open (int p, int y, int a)
+ Pin (int x)
+ Deposit (int d)
+ Withdraw (int w)
+ Balance()
+ Login (int y)
+ Logout()
+ Lock (int x)
+ Unlock (int x)
```

Data Store

```
+ set string (string p)
+ get string p()
+ set string (int p)
+ get string ()
+ set string (string y)
+ set float (float o)
+ get float ()
+ set int (int o)
+ get int a()
+ set Deposit (float d)
+ get Deposit ()
+ set Deposit (int d)
+ get Deposit ()
+ set Balance (int b)
+ get Balance ()
```

Account-1 Data Store

```
string temp.p
string temp.y
string temp.q
float temp.d
float temp.w
float temp.is
+ set string (string p)
+ get string p()
+ set string (string y)
+ get string y()
+ set float (float o)
+ get float o()
+ set Deposit (float d)
+ get Deposit (float d)
+ set Withdraw (float w)
+ get Withdraw (float w)
+ set Balance (float b)
+ get Balance ()
```

Account-2 Data Store

```
int temp.p
int temp.y
int temp.q
int temp.d
int temp.w
int temp.is
+ set int (int p)
+ get int p()
+ set int (int y)
+ get int y()
+ set int (int a)
+ get int a()
+ set Deposit (int d)
+ get Deposit (int d)
+ set Withdraw (int w)
+ get Withdraw (int w)
+ set Balance (int b)
+ get Balance ()
```


SA - Account V2

Account 1

Initialisation -
initialisation
account (IT)

MPA - exam -
account

Account
Debit

Start

Op

ATM

Store
data

rt

Object called to
the account 1

[1]
open()

Initial open() operation
set string()

set string()

get float data

open()

get state id()

[0]

open()

Store data

get store data

Store data

new-1

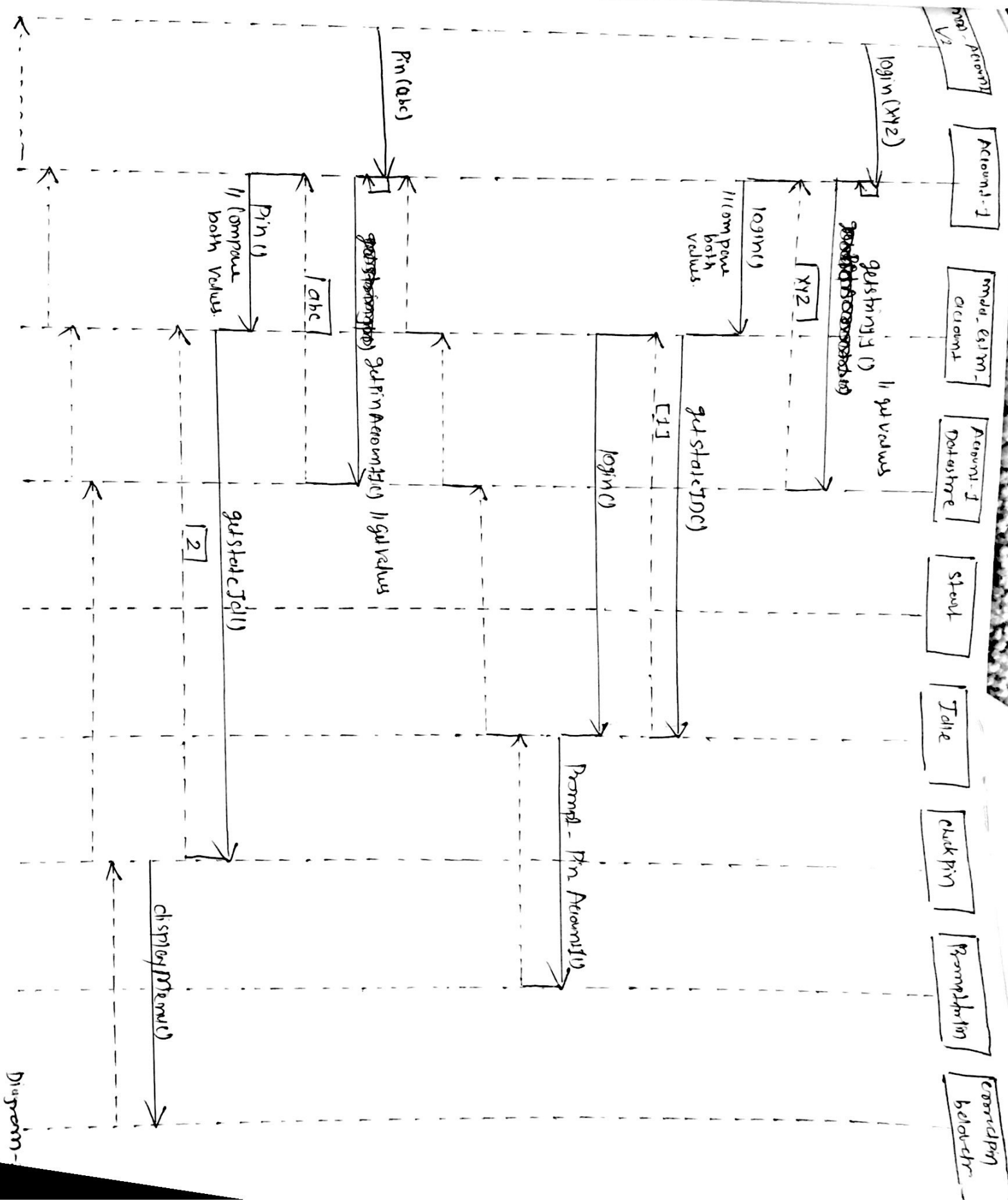
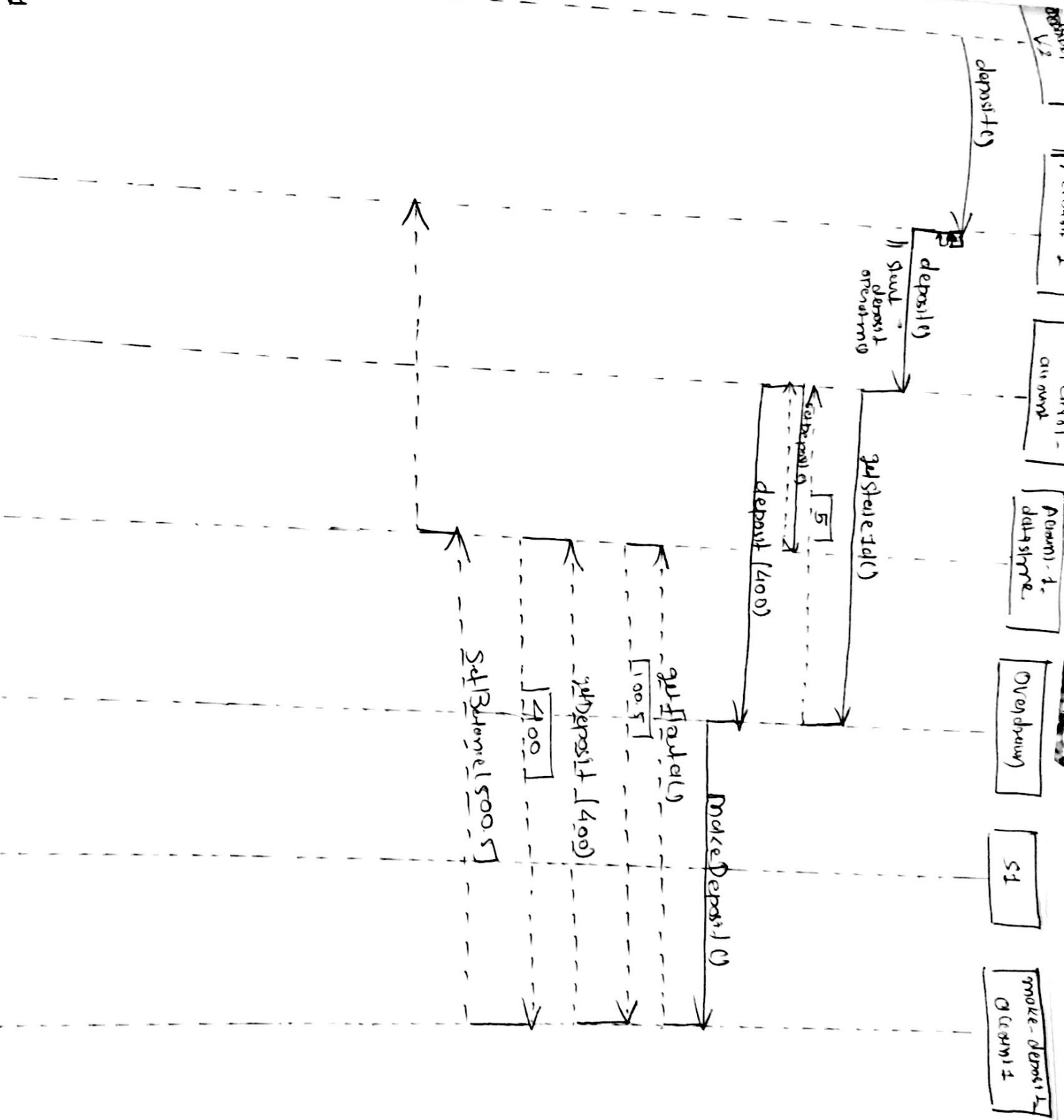
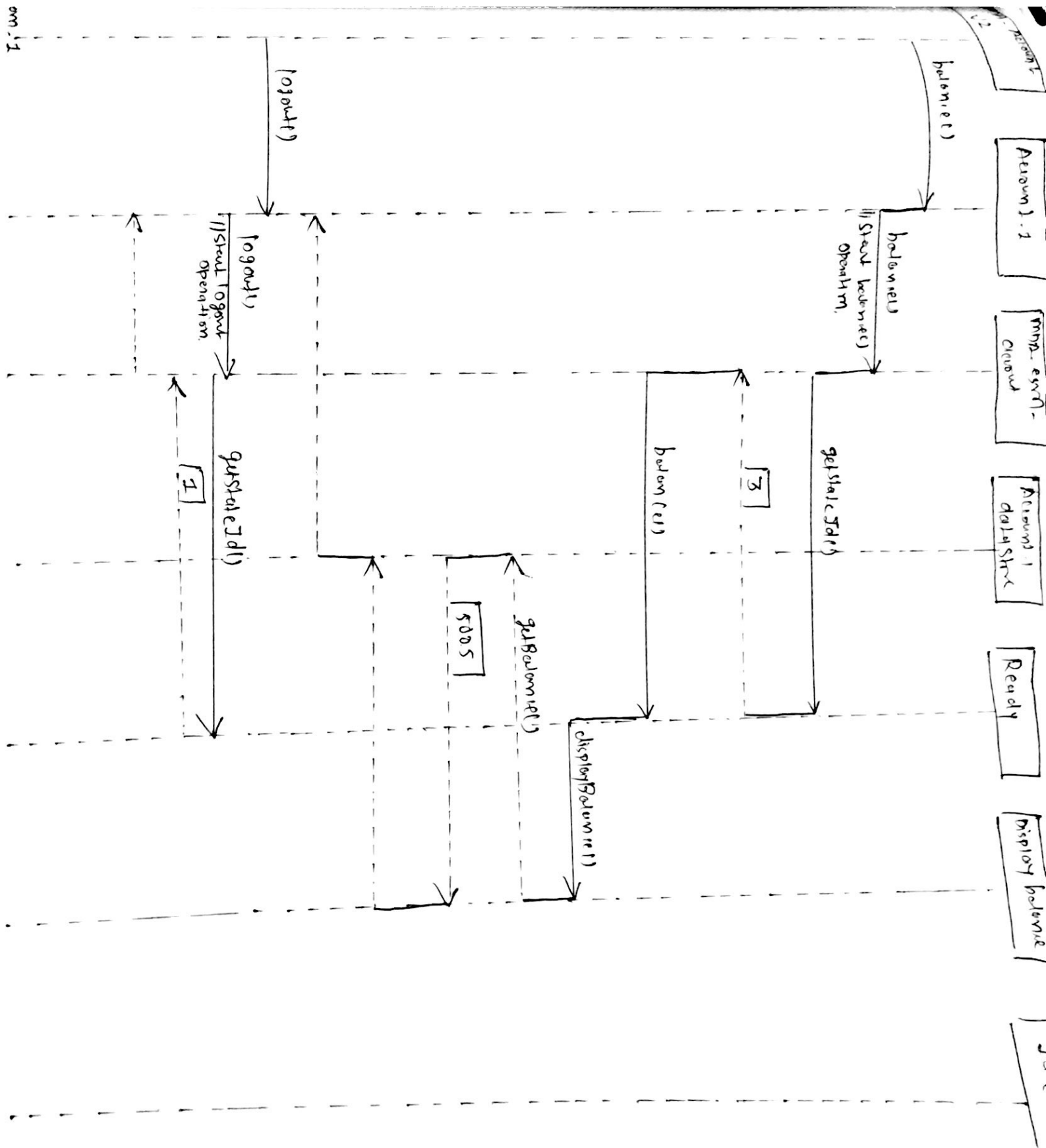


Diagram -

P-4000









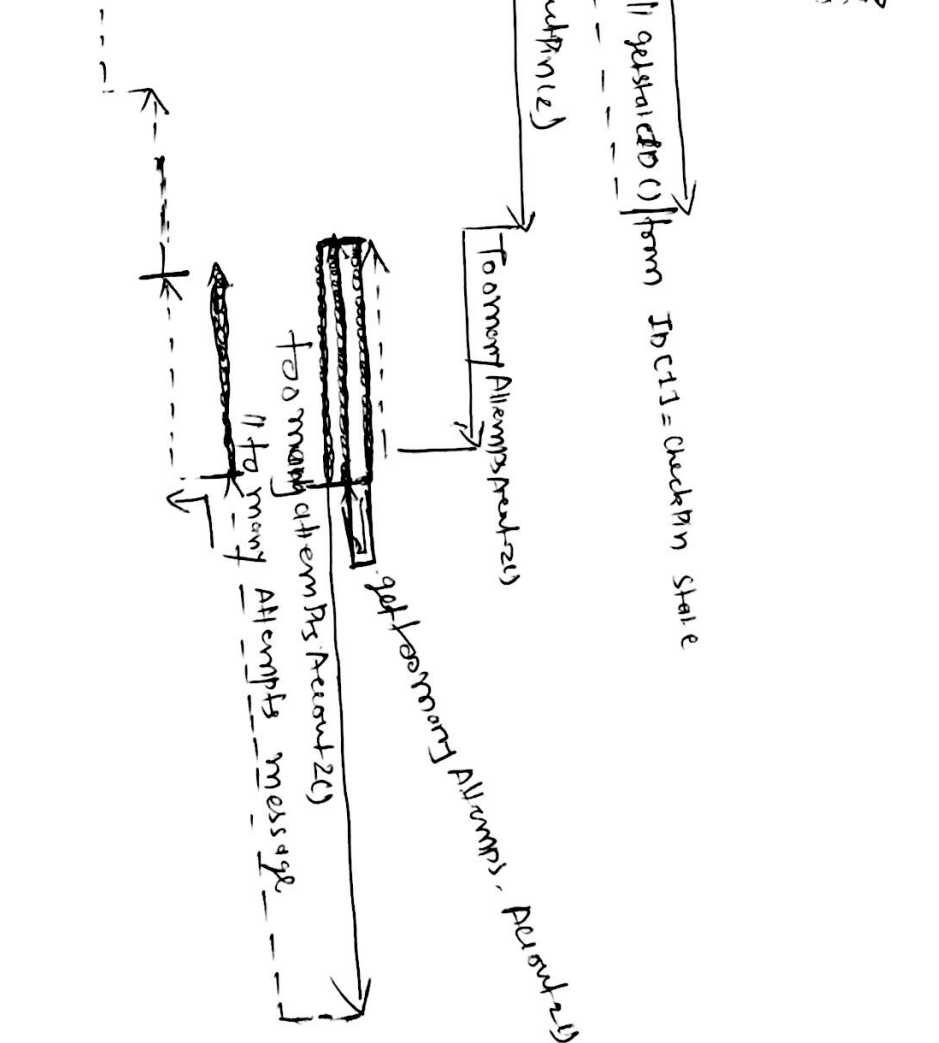
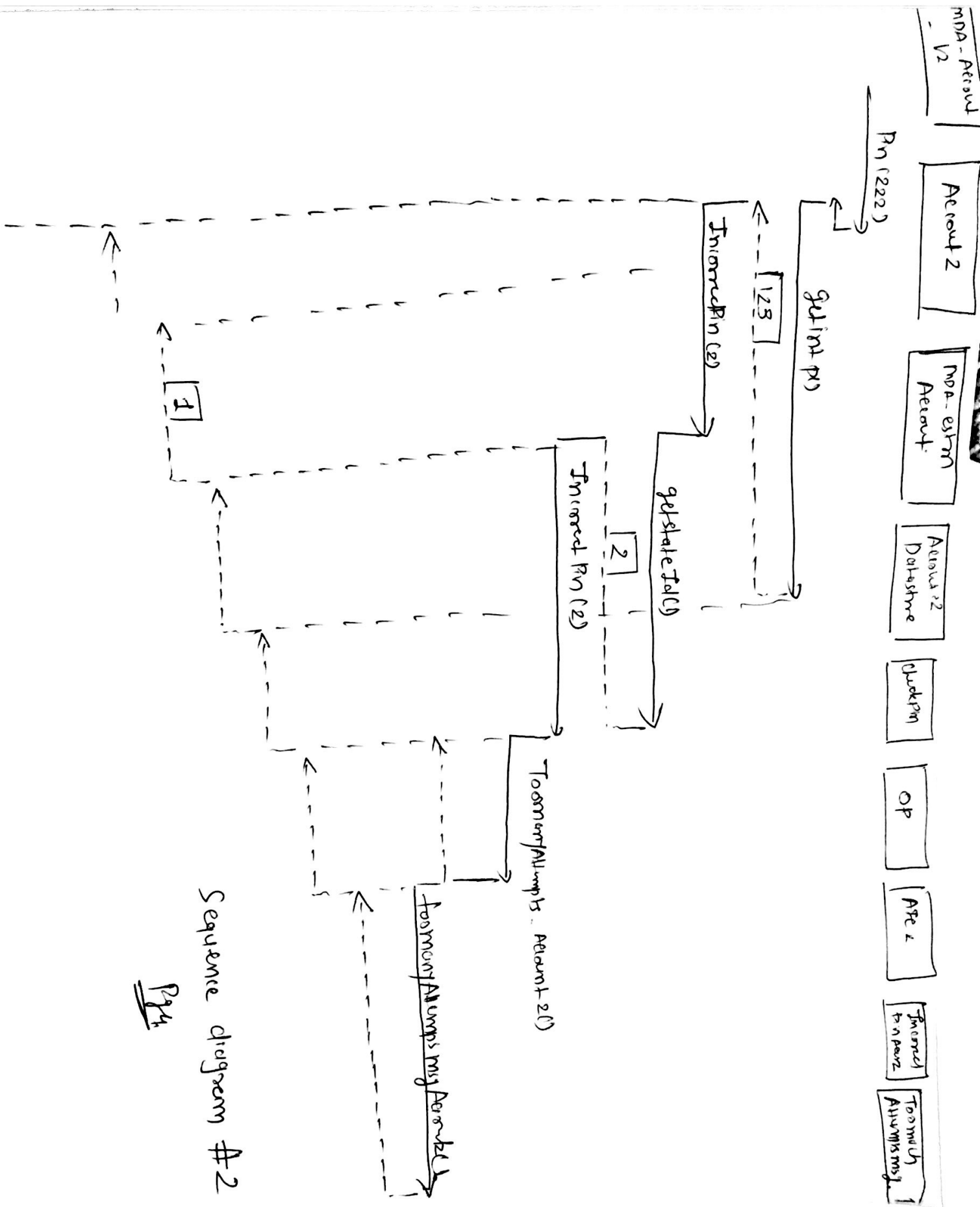


Diagram #2



Sequence diagram #2

Pg 4