

2022

April

Ethiopian Good Friday (Ethiopia)

Week 16(112 - 253)

Priorities

7.00 (i) Class diagram

→ View of a system

classes

✓ Bank
✓ Branch✓ A/c + Saving
✓ Loan

✓ Customer

Bank → many branches
 branch → multiple a/c & loans
 Account is either saving or current
 Customer can open both saving or current
 || may request 4 loans

8.00

9.00

10.00

11.00

12.00

1.00

2.00

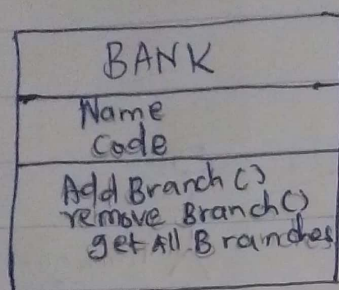
3.00

4.00

5.00

6.00

Notes



Composition

*

BRANCHBranch-Code
cityAdd a/c()
remove a/c()
get a/c()
add Loan()
remove Loan()
get Loan()

*

Zonal head office

ACCOUNTAcc. no
Balancedebit Amt()
Credit Amt()
get bal()

0..*

Aggregation

LOANLoan no.
Amt
TypeAdd Customer()
Prepayment()
get Emi()

*

0..*

Inheritance

Savings A/cmin bal
Date of openingadd Customer()
remove Customer()

0..1

Current A/cInterest rate
Date of openingAdd Customer()
remove Customer()

0..1

Customer

Customer ID()

Name()
Address()
phone()

May

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

2022

April (ii)

Use Case diagram

Saturday 23

Week 16(113 - 252)

7.00

Priorities

8.00

Customer

Bank

9.00

10.00

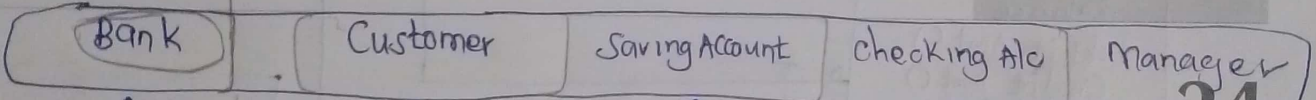
11.00

12.00

1.00

(iii) Sequence diagram

2.00



Sunday 24

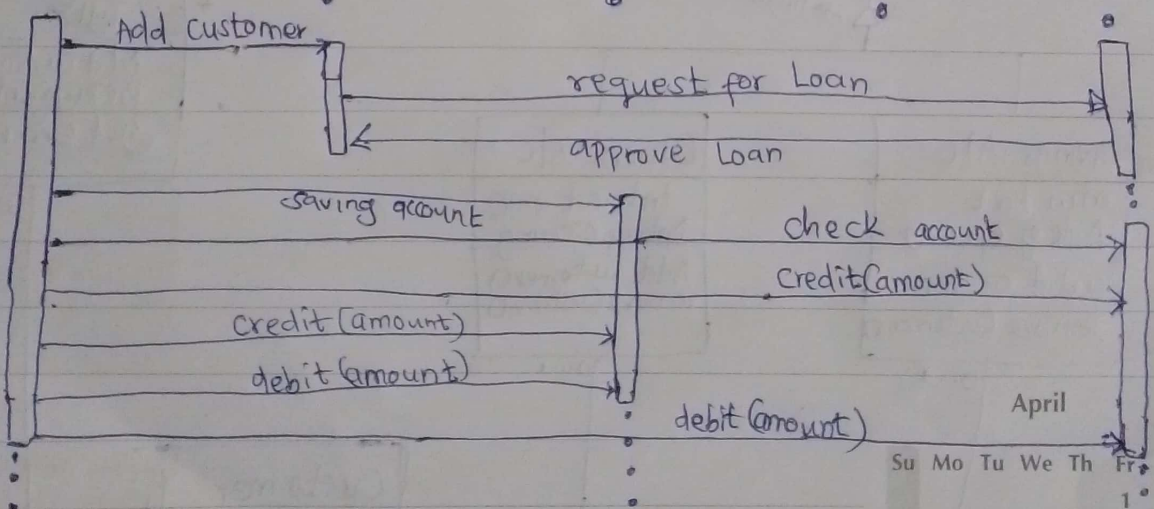
Ethiopian Easter (Etiopia)

Week 16(114 - 251)

5.00

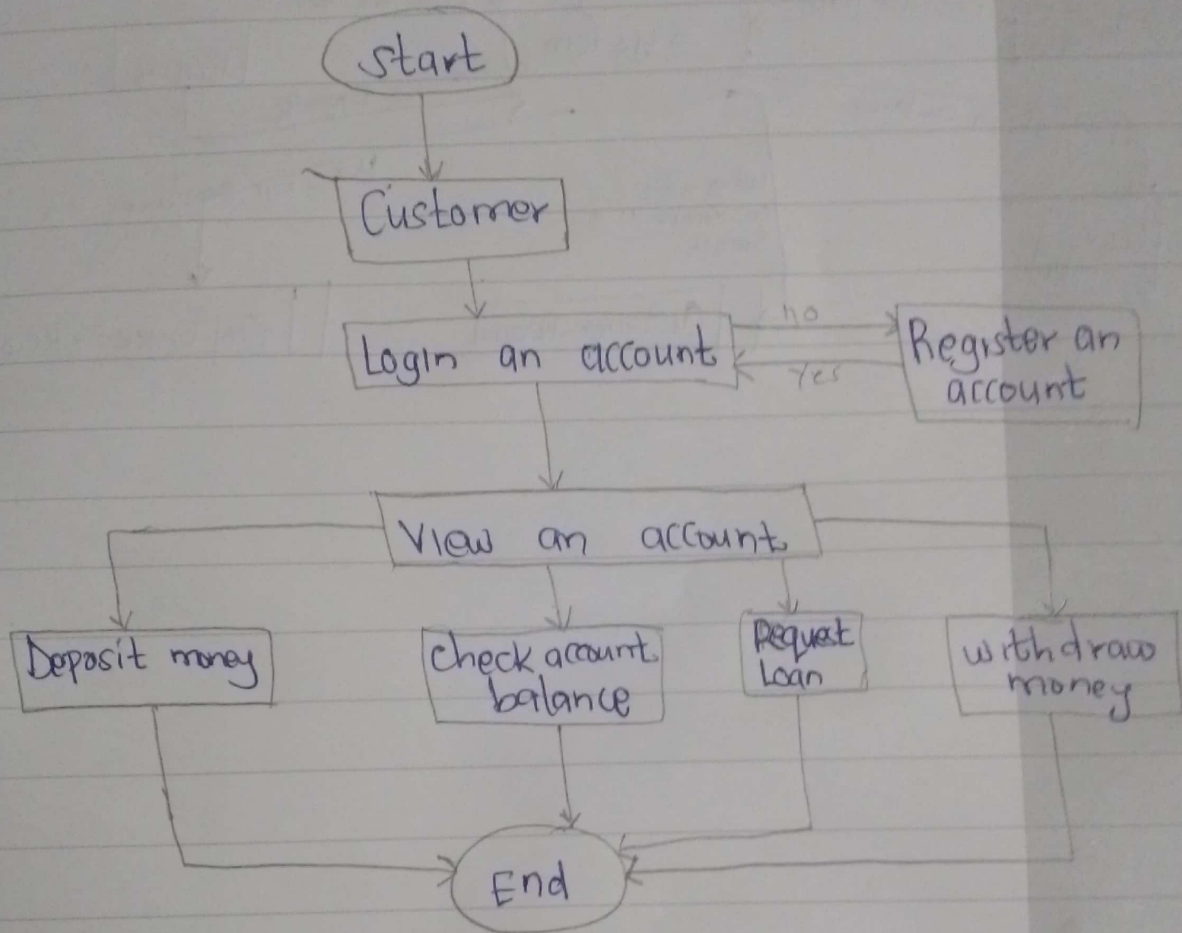
6.00

Notes



Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

(iv) flow chart



Notes

May

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1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

2022
April

Monday 25

Week 17(115 - 250)

7.00

(V)

DFD

Priorities

8.00

9.00

10.00

11.00

12.00

1.00

2.00

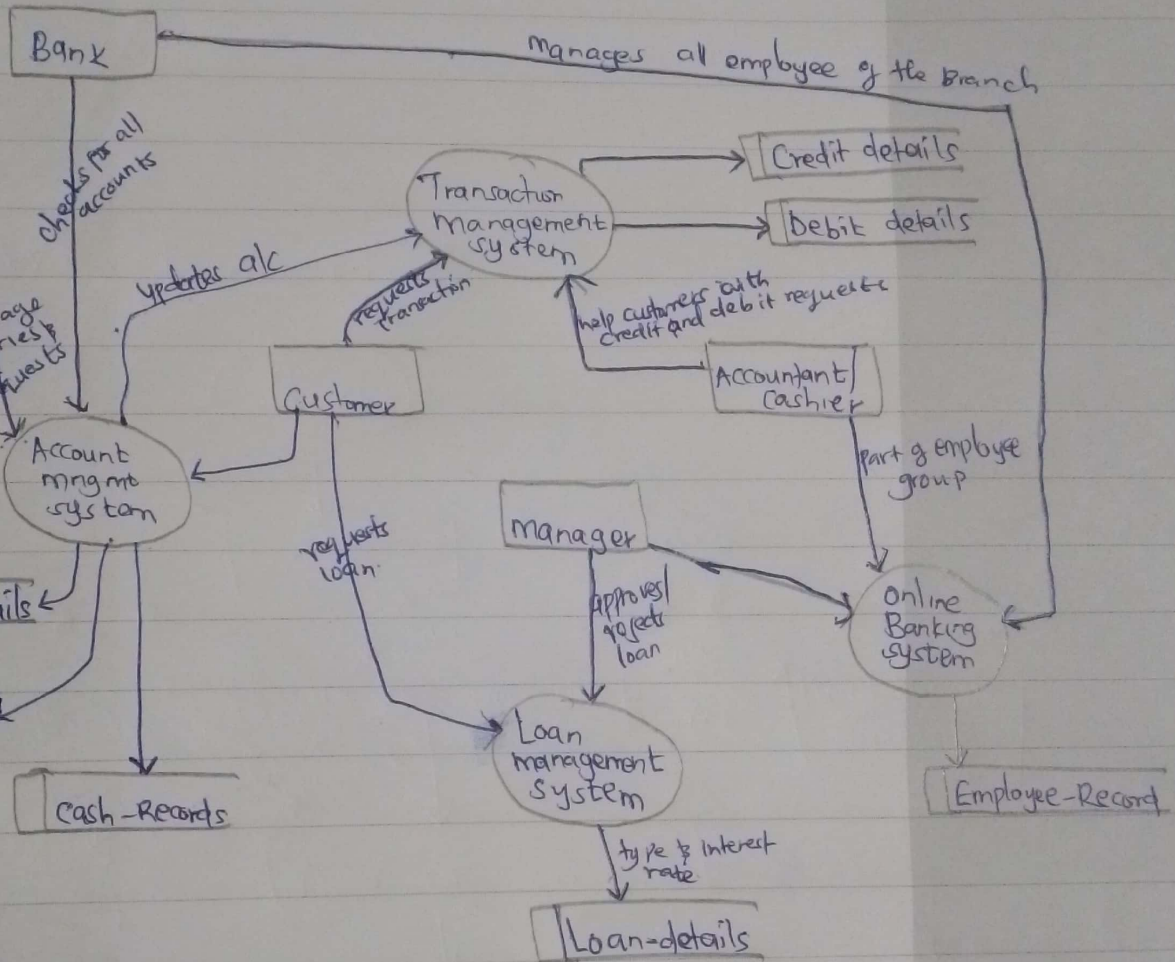
3.00

4.00

5.00

6.00

Notes



May

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