1. Types of UML diagram

* Structure diagrams

1. Class diagram

2. Component

Lo

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3. Deployment

u. Object

5. Package

6. Profile

7. Composite Skuchure

Behavioural diagrams.

1. Use care diagram

2. Activity

3. State Madune

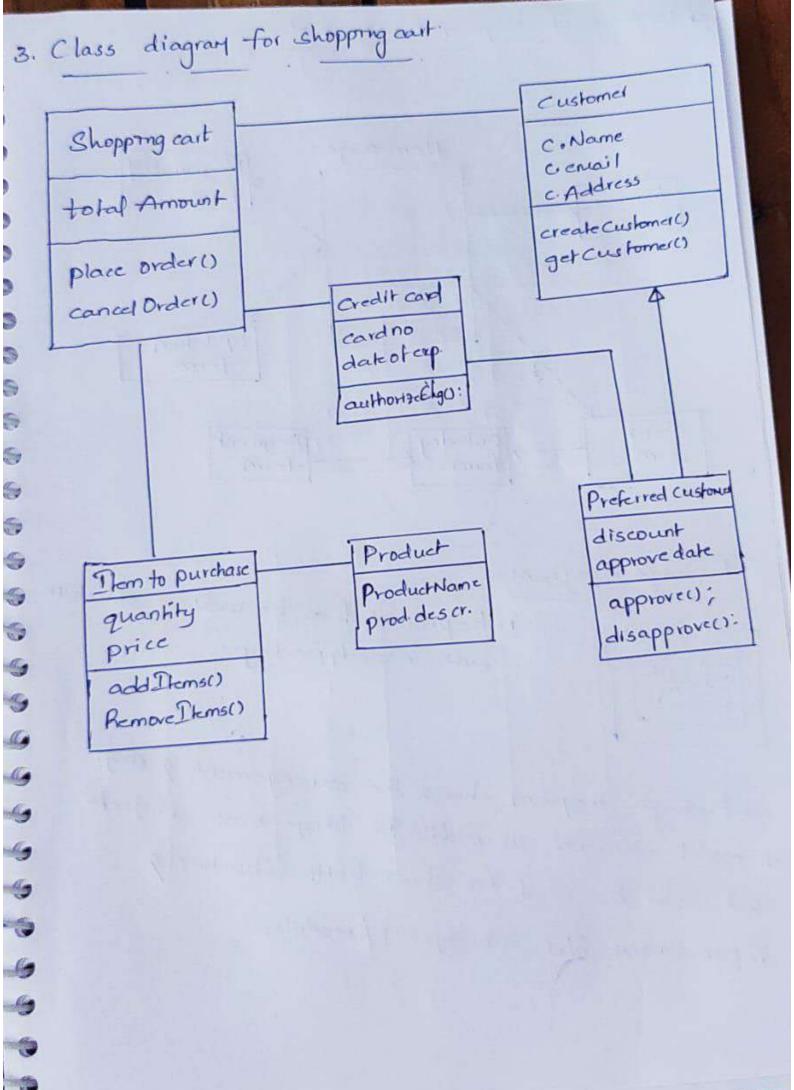
4. Sequence

5. Communication

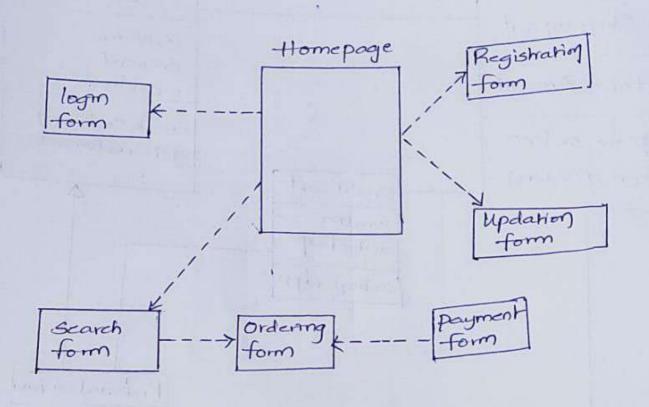
6. Interaction overview

Training

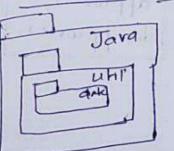
& Sequence diagram for Shopping Mart: online Bank Shopping customes Add item display Purchase order Receive order Paymon Verify update order get order Blatus



4. Deployment diagram for book store !



1. Represented as hierachical structure @ Package dragram:



with nested packages.

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-> Package diagram shows the arrangement & org. of model elements on middle to large scale project that can be used to show both skuchure & dependencia b/w sub system/ modules.

5. State diagram for Social Networking (Passport APP). Application fill the form 9 9 payment Verification Enquiry 0 0 0 0 getting parsport 9 9 9 6 6 6 9 6

(7) Normalisation;

It is the process of organismy data on db.

It is used to minimize redundancy from relations

It divides the larger moto smaller table

INF: Create a table for product

Product Id	Color	Price
/ 10	red, green	15.99
2	yellow	23.99
3	green	19.50
ч	yellow, blue	9.99
5	red	29.99

a) Product price

ProductId	Price
1	15.99
2	23.99
3	17.50
ч	9.99
5	29.99

b) Product color

Product Id	Color
1	red
t	green
2	gellow
3	green
4	yellow
4	bluc
5	red

6

+ It contains only one atomic values.

- And there is no repeating groups.

2NF + It must be m INF

teacher-id	Subject	teacher-age
[1]	Maths	36
111	Physics	38
222	Biology	38
	Physics	પુરુ
333	18: 554	uo
333	chemistry	

teacher details table

teacher-age
38
38
40

teachq.subject table

-leacher id	subject
11 1	Maths physics
222	biology
333	physics
333	10

3NF: It must be 2NF

deather . 1d	subject
111	Maths Physics
[t 1	Biology
222	physics
3 3 3	chemish
3 33	

subject	teacher age
Maths	38
	38
Physics	38
Biology	No
physics	up
chemish!	
10.10	