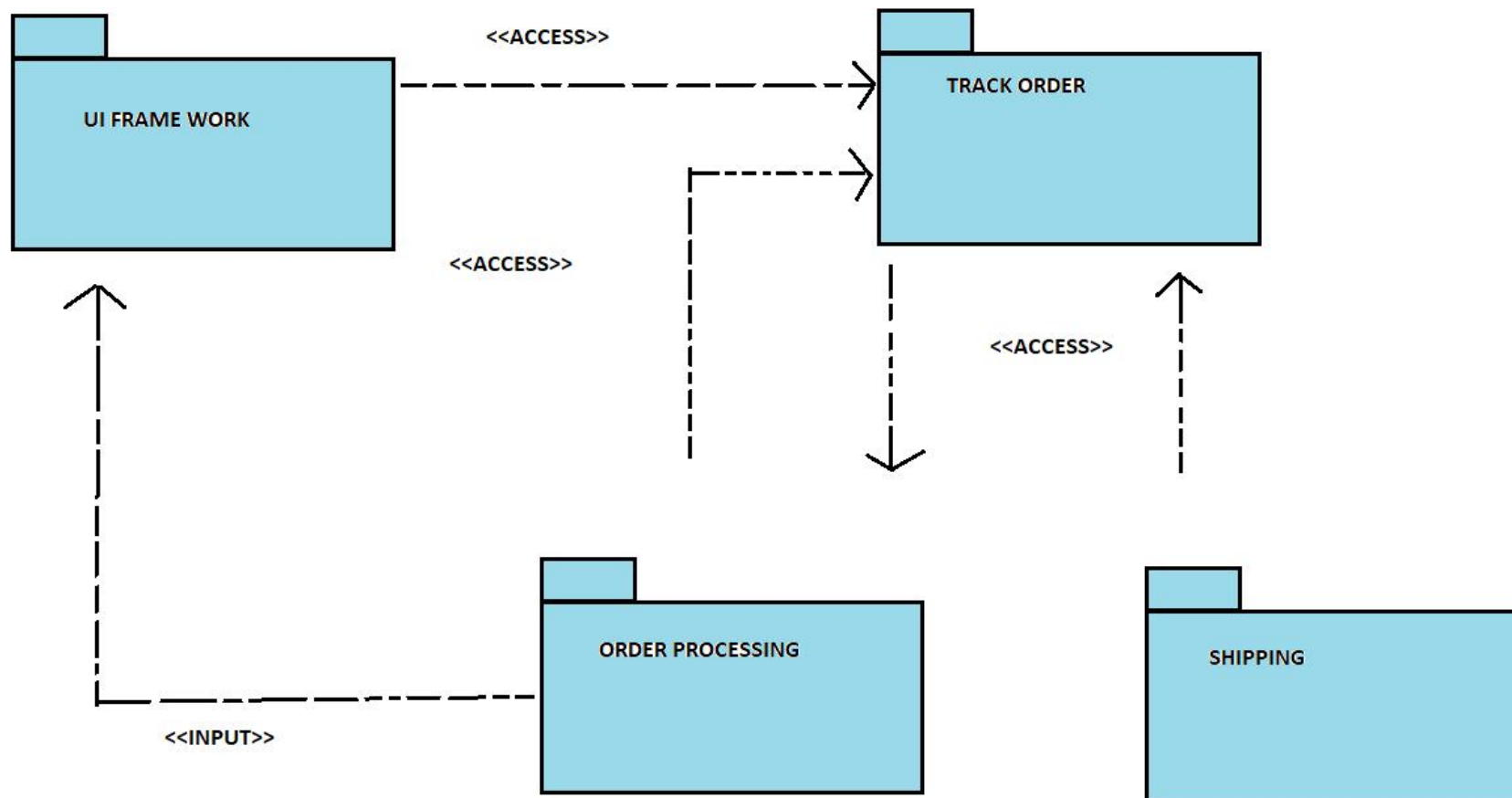
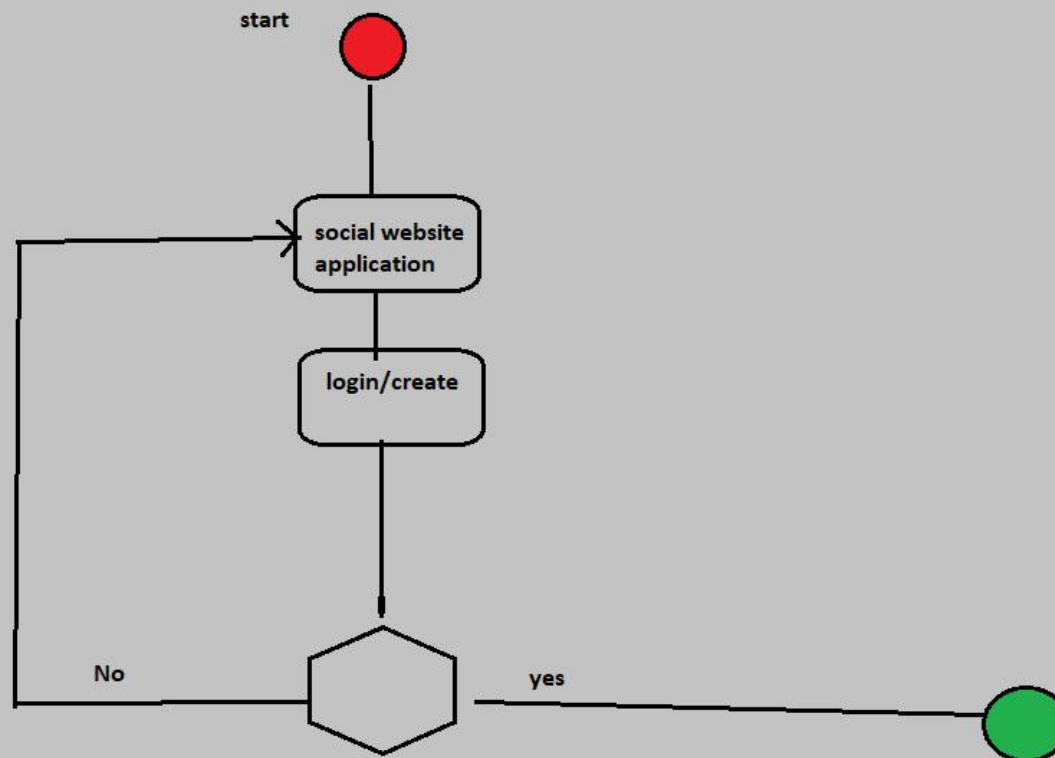


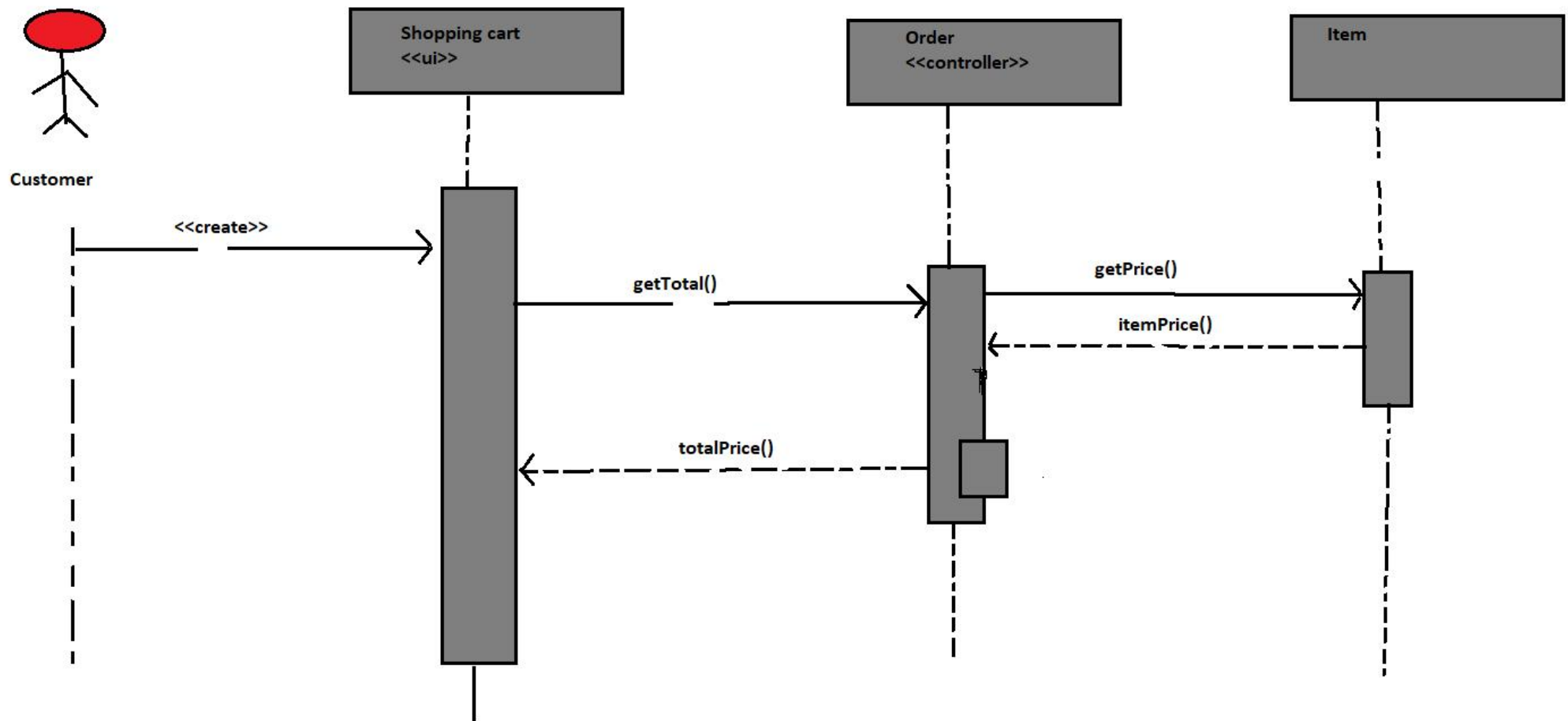
deployment diagram  
for bookshop

PACKAGE DIAGRAM  
FOR SHOPPING CART





state diagram for social application



sequence diagram for  
shopping mart

2NF.

1.

2.

trainer

<u>t_id</u>	<u>name</u>	<u>age</u>	<u>subject</u>
1	manu		
1		28	maths
	manu		
2		28	physics
	Ramu		
		38	maths
2		38	physics.
	Ramu		

Trainer

<u>t-id</u>	<u>name</u>	<u>age</u>
1	manu	28
2	Ramu	38.

Trainer-subject

<u>t-id</u>	<u>subject</u>
1	maths
1	physics
2	maths
2	physics

1NF, 2NF, 3NF

### 1NF Example

#### Employee

<u>s.no</u>	<u>name</u>	<u>age</u>	<u>skills</u>
1	Ramy	21	C, Java
2	manu	22	C, SQL
3	mohan	23	C, java, SQL
4	pavan	20	C, Oracle.

#### Employee

<u>s.no</u>	<u>name</u>	<u>age</u>
1	Ramy	21
2	manu	22
3	mohan	23
4	pavan.	20

#### Employee - Skills

<u>emp_sno</u>	<u>Skills</u>
1	C
1	Java
2	C
2	SQL
3	C
3	Java
3	SQL
4	C
4	Oracle.

### Rules

- ① Don't provide multiple values in single cell.