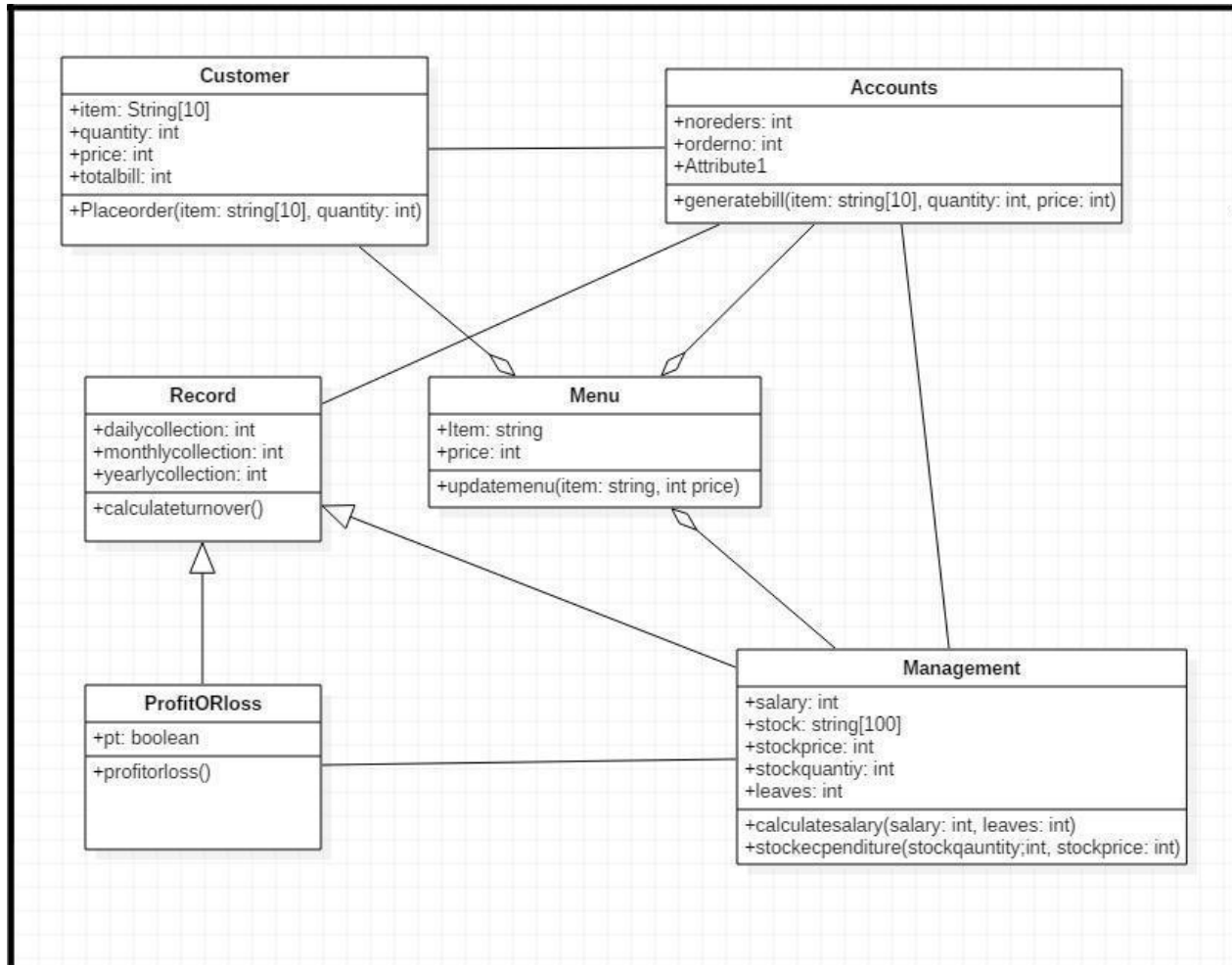


**Name :**  
**Samarth Sanghi 63**  
**Anuj Agrawal 46**  
**Batch : B3**

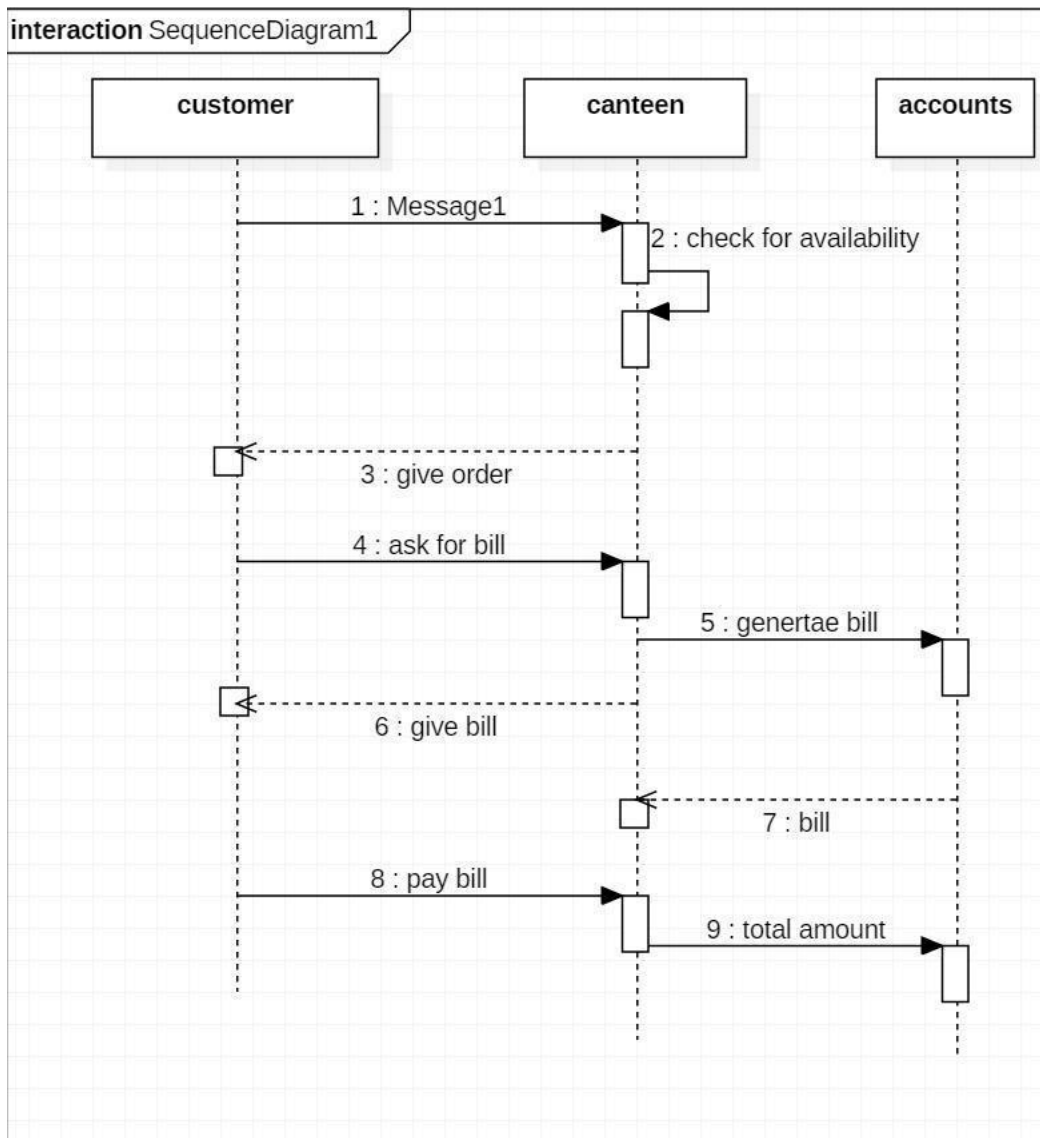
## Practical 2:

Class diagram

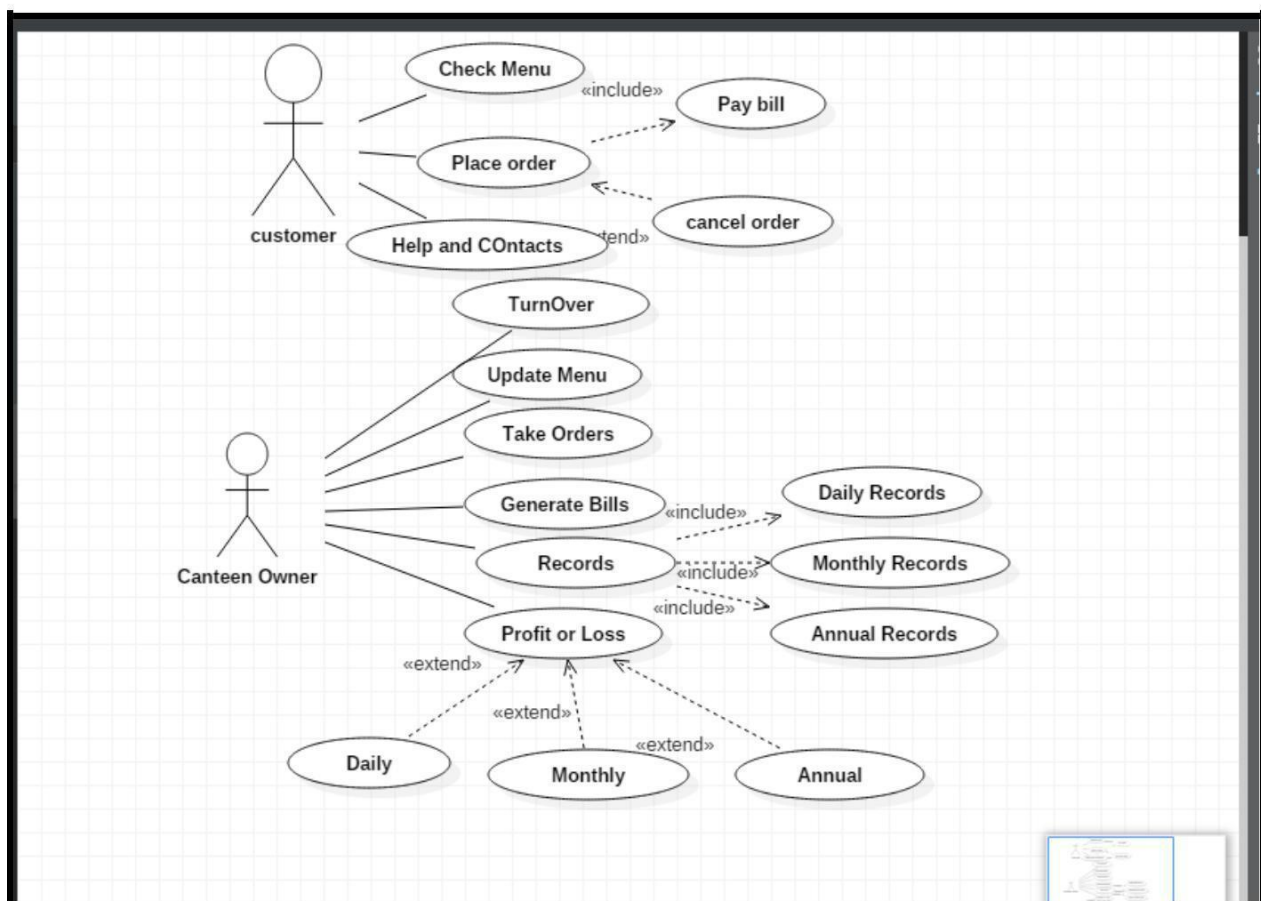
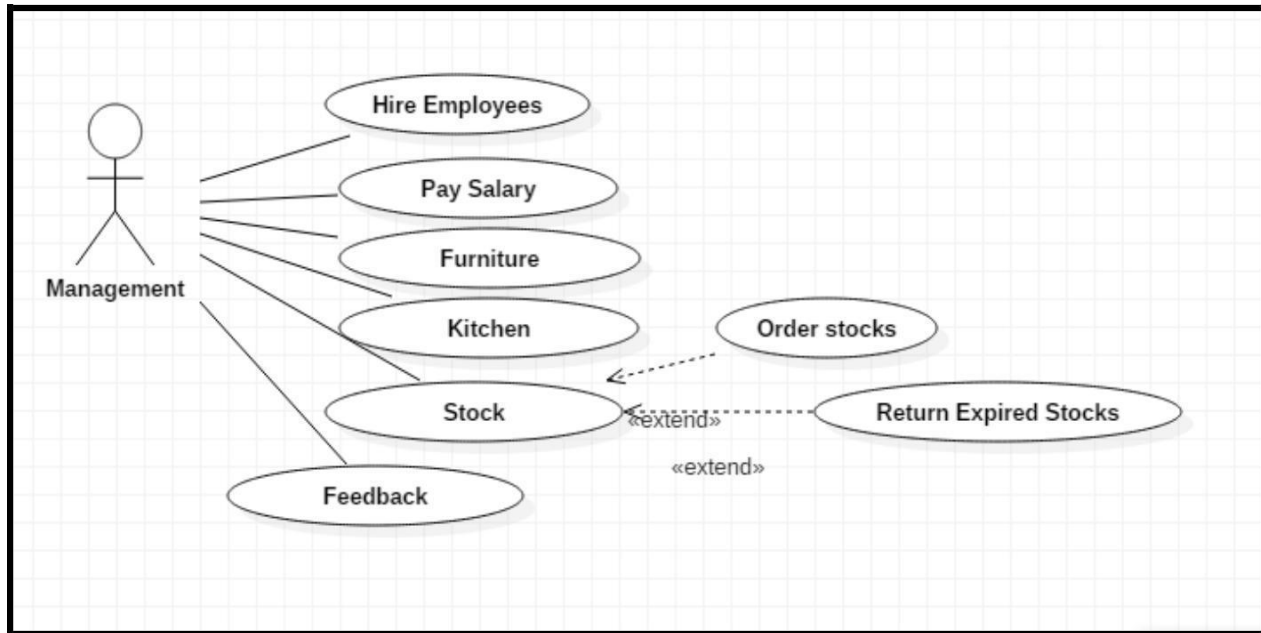


### Practical3:

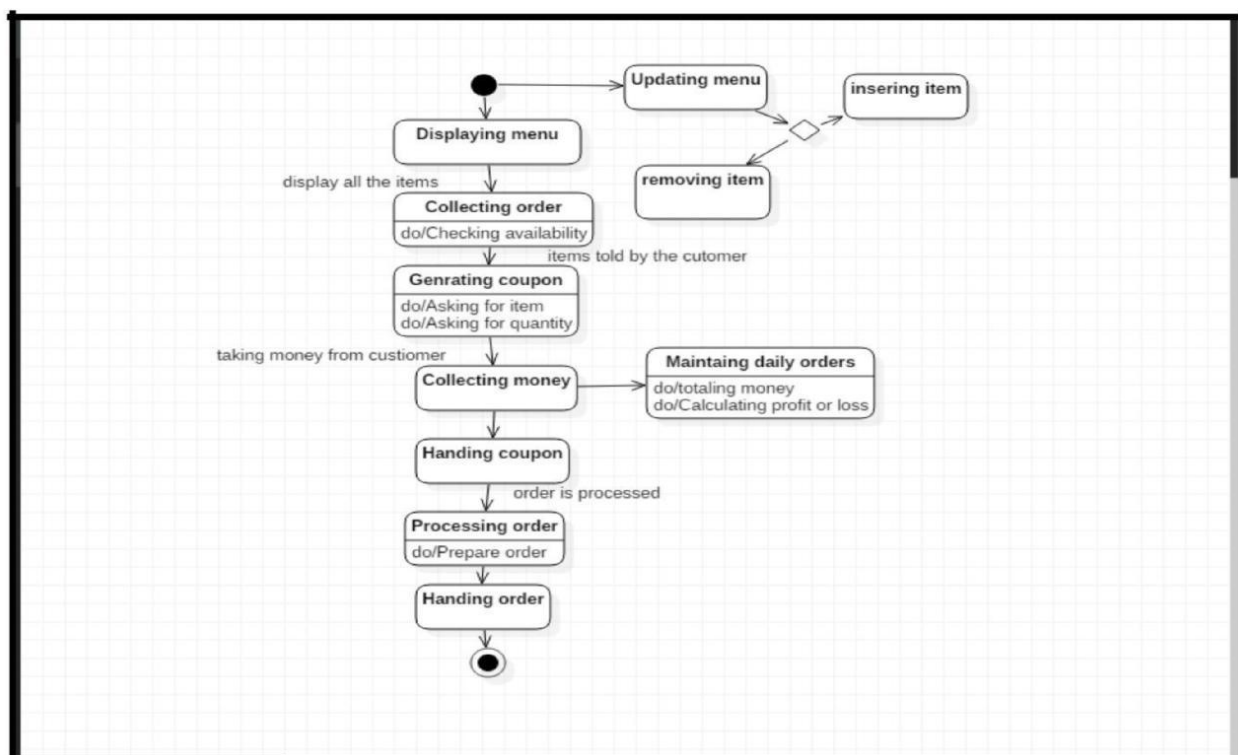
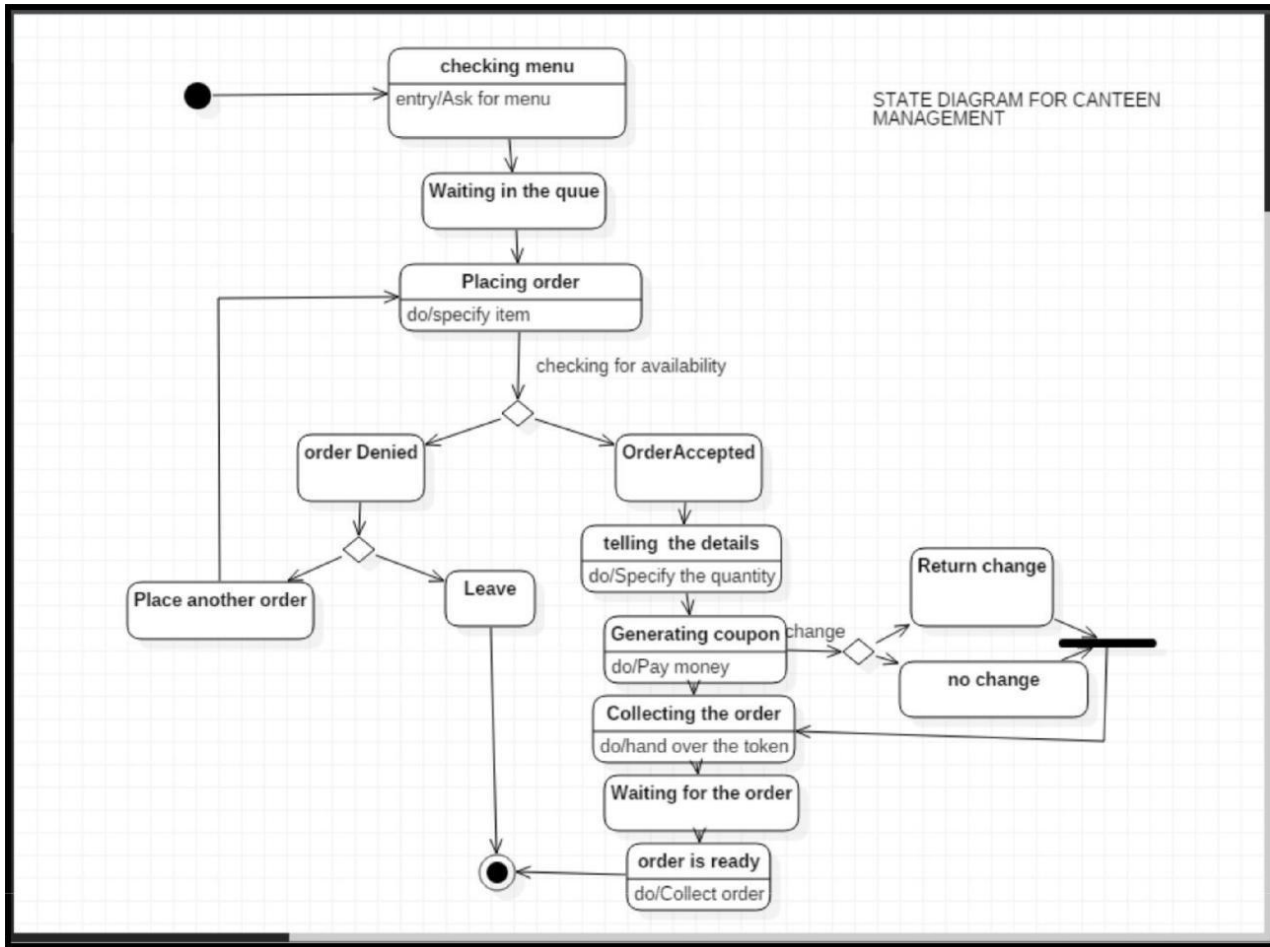
#### Sequence diagram



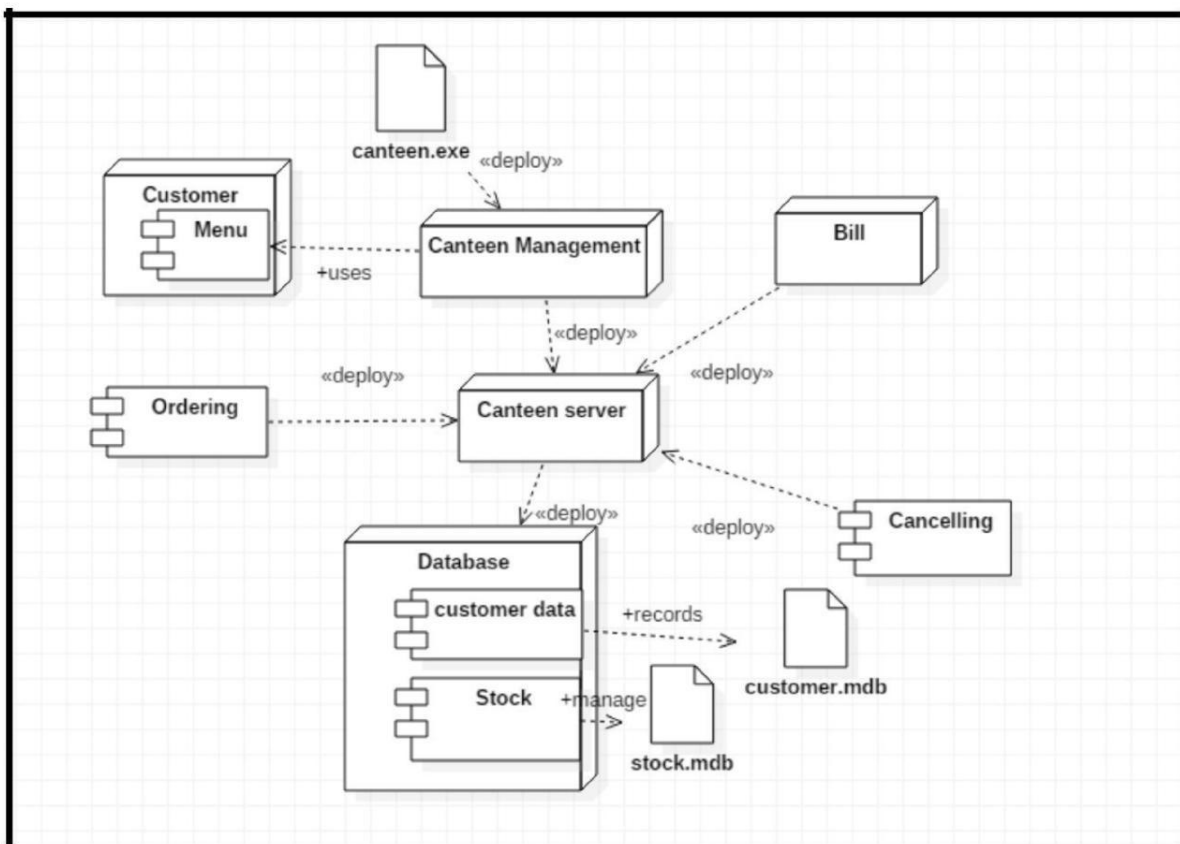
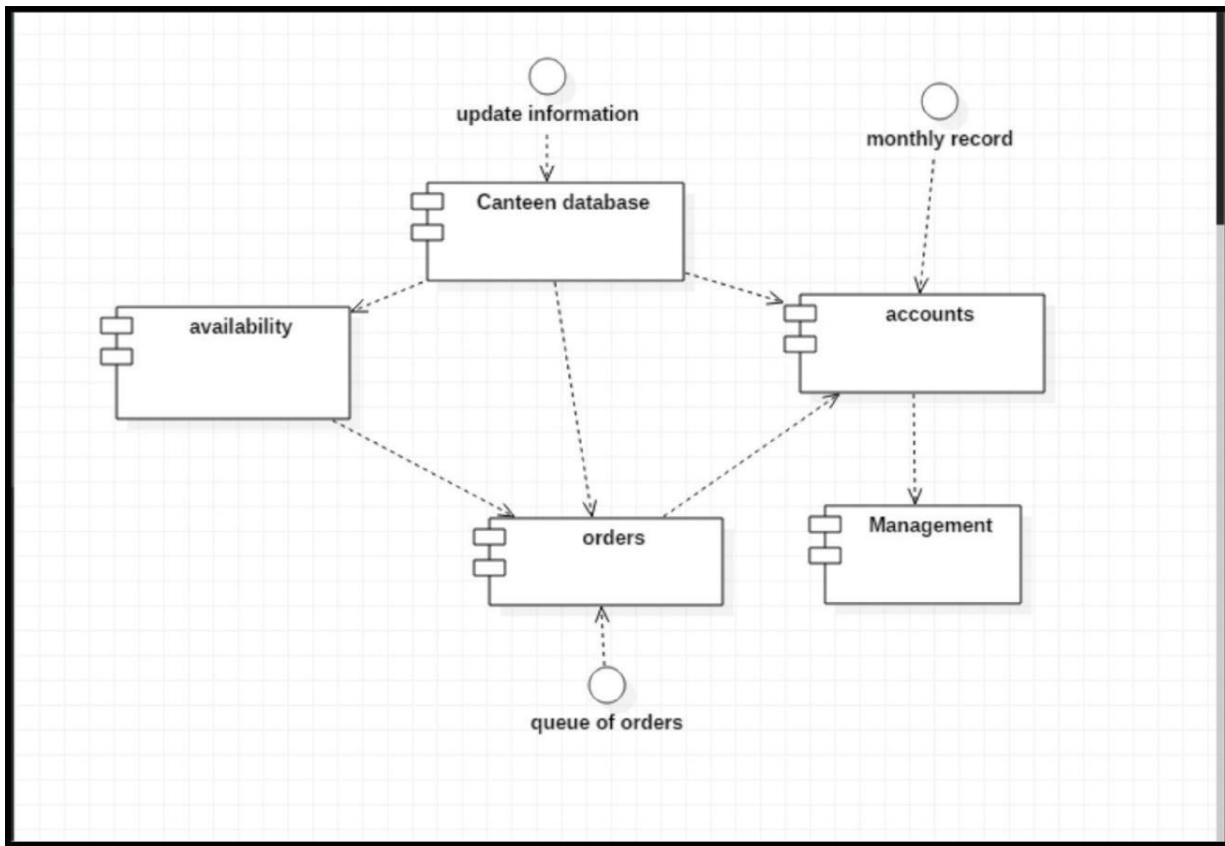
#### Practical 4-use case diagram



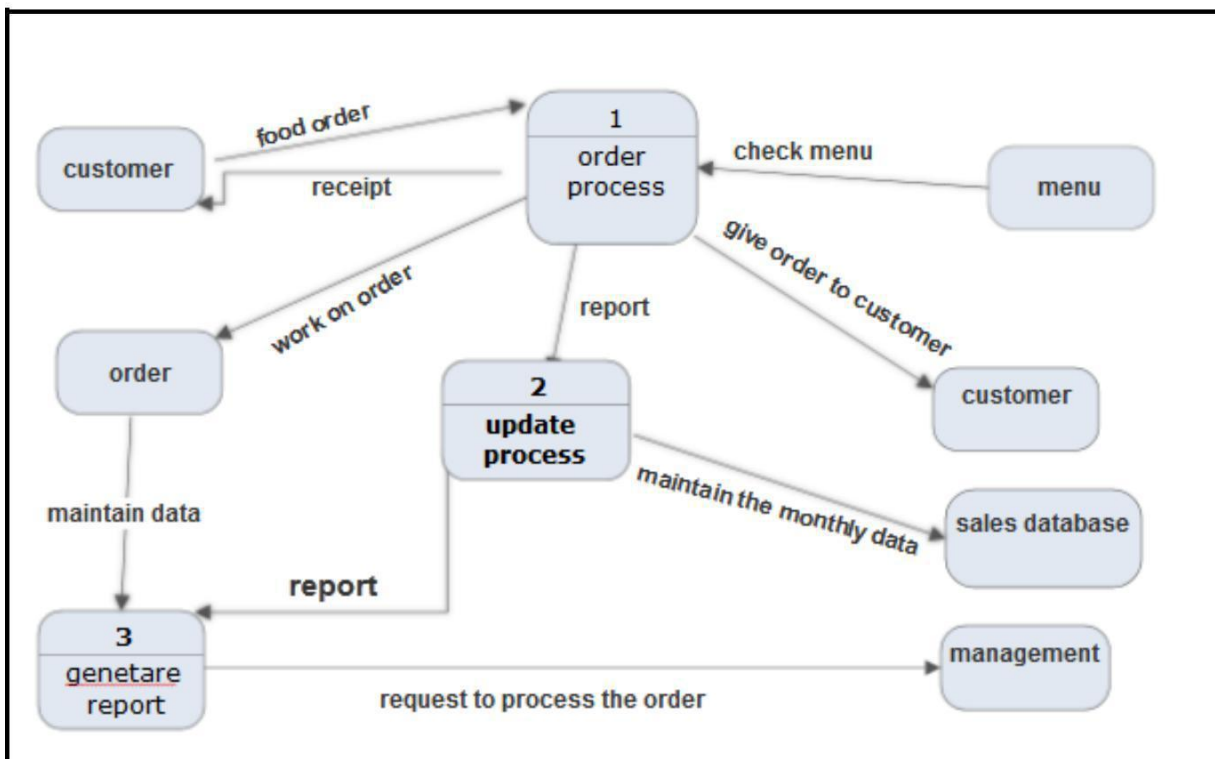
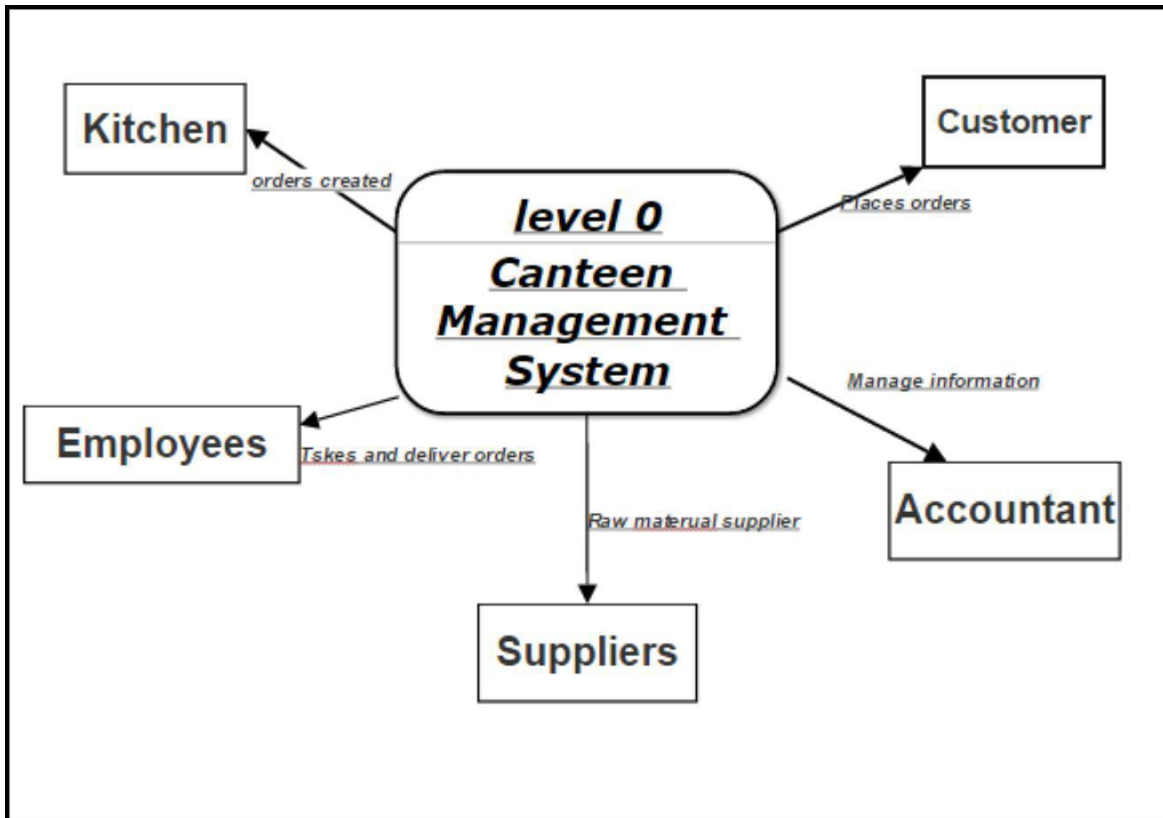
## Practical 5:



Practical 6:



Practical 7:



Practical 9:

Scenario	Case No.	Test case	Test step	Actual output	Expected output
Searching element	1	Array contains 4 elements.1 2 3 4.And element to be searched is 1	1-2-3-4-6	Element not found	Element found
Searching element	2	Array contains 4 elements.5 2 3 4.And element to be searched is 1	1-2-3-4-5	Element found	Element not found
Accepting 4 array elements	3	Elements entered are 1 2 3	1-2	Array index out of bound	4 elements should be accepted
Search	4	Elements entered are 1 2 3 4	1-2-3-4-5	Element Found	Element Found

Scenario	Case No.	Test case	Test step	Actual output	Expected output
Checking prime no.	1	Number Entered 4	1-2-4	Prime No.	Not a prime no.
Checking prime no.	2	Number Entered 0	1-2-3	_____ (Infinite loop)	Not a prime
Getting prime no.	3	Number Entered 5	1-2-3	Prime no.	Prime no.

Scenario	Case No.	Test case	Test step	Actual output	Expected output
Incomplete line	1	Coordinates entered (100,100) to (200,200)	1-2-3-4-5	Line from (100,100) to (175,100)	Line from (100,100) to (200,200)
No line	2	Coordinates entered (100,100) to (200,200)	1-2-3-4	No line	Line from (100,100) to (200,200)
Complete line	3	Coordinates entered (100,100) to (200,200)	1-2-3-4-5-6	Line from (100,100) to (200,200)	Line from (100,100) to (200,200)

Practical 10:

Creating Gmail Account

Test ID	Type of test	Scenario	Expected outcome	Actual outcome
1	Easy to compute data	User enters correct data	Account created on gmail	Account created on gmail
2	Boundary value	Length of password is exactly equal to 8 Password:abcd123	Password strength :strong Account created	Use at least 8 characters. Don't use a password from another site, or something too obvious like your pet's name
3	Typical case	Password contains alphabets as well as numbers Password:abcd.1234	Account created successfully	Account created successfully

Area of triangle

Test ID	Type of test	Scenario	Expected outcome	Actual outcome
1	Easy to compute data	User enters simple value Base=1 height=1	Area=0.5	Area=0.5
2	Boundary value	Base=2 height=1	Area=1	Area=1
3	Bogus data	Base= -2 height=3	3	Base cannot be negative

Sending Mail through Gmail Account

Test ID	Type of test	Scenario	Expected outcome	Actual outcome
1	Easy to compute data	User enters simple value <u>abc@gmail.com</u>	Email accepted	Email accepted
2	Boundary value	User tries to send mail of size more than 25MB	Mail sent	File size exceeding limit
3	Typical case	User enters email <u>abc@gmail.com</u> and sends 10MB file	Mail sent	Mail sent