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DEPARTMENT : COMPUTER SCIENCE

PROGRAM : SOFTWARE ENGINEERING
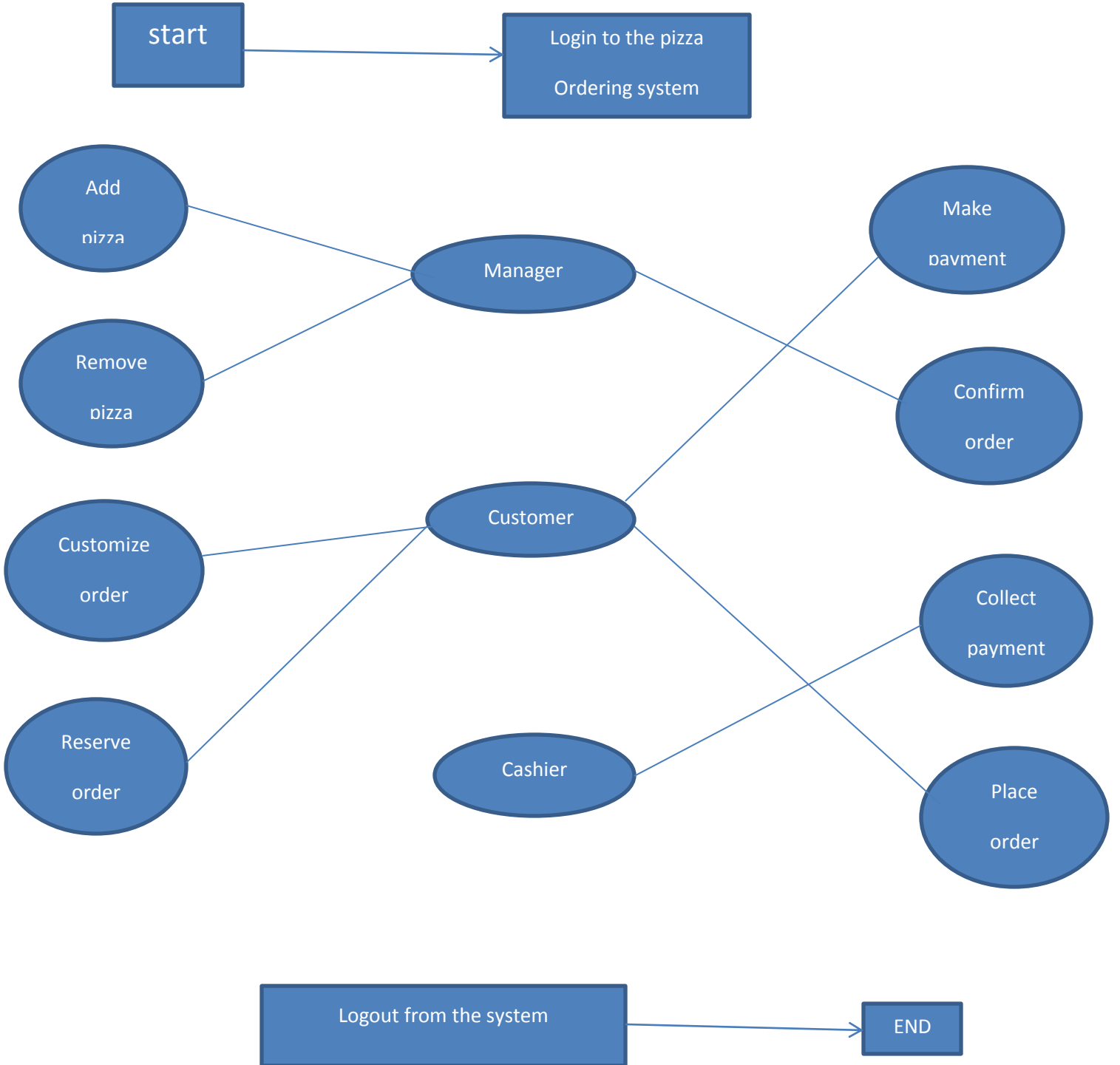
SEMESTER : 4TH

SECTION : A

SUBJECT : SOFTWARE ENGINEERING

Question no 1

The pizza ordering system

```
[ start ] ──────────────→ [ Login to the pizza
                             Ordering system ]
```

(Add pizza)

(Make payment)

(Manager)

(Remove pizza)

(Confirm order)

(Customize order)

(Customer)

(Collect payment)

(Reserve order)

(Cashier)

(Place order)

```
[ Logout from the system ] ──────────→ [ END ]
```

Question no 2

Functional requirement describe the system what it will do.

Non functional requirement describe the expectation but it is not concerned with the system

. the req uirement needed to design meets the requirement such as compatibility, portability etc

.Design the system so that the safety and security

. implement the system in efficient manner

.The cost and time requird for the development should not effect the design and implement of

The system.

The frist step to make the system requirement document

. the engineer needs to preare the document depending on this non functional requirement need the natural languge and functional requriment need the structurd languge to understand better

It is very difficult to mange because the functional and non functional requriment put efforts with eact other on track of relationships

. the engineer need to prepare the way link functional and non functional implement it.

The functional requirement enforce the non functional that shall be recorded and tracked

For example,

The user needs to search for the candidate list for the interview.

It is a functional requirement.

That the search should return all the list of candidates who are attending the interview.

It is a non-functional requirement

Therefor engineer the avilod overlop each other.

Question no 3

Answer: it is difficult to introduction agile method into large companies for a number of reason

1. Project manger who don t have experience of agile method may be reluctant to accept the risk of a new approach , as they do not know how this will affect their particular project.
2. Large organization often have quality producer and that all project these are support to software tool (example required management tools) use thease tools is mandated for all project
3. The agile method to best work when team high skill level. within large origanizition theare are likely to be wide range kill .the people lower skill may not be affective agile process in team agile
4. There may be culture resistance to agile method .specially in those organization a long history of using conventional system engineering processes.

Change management and testing procedure are example the company manger may be not compactable method. Change management the process of controlling mangment change to system impact change is predictable and cost controlled

Question no 4

In this if the percon have no credit card. Thes what? Whats the process of cash.

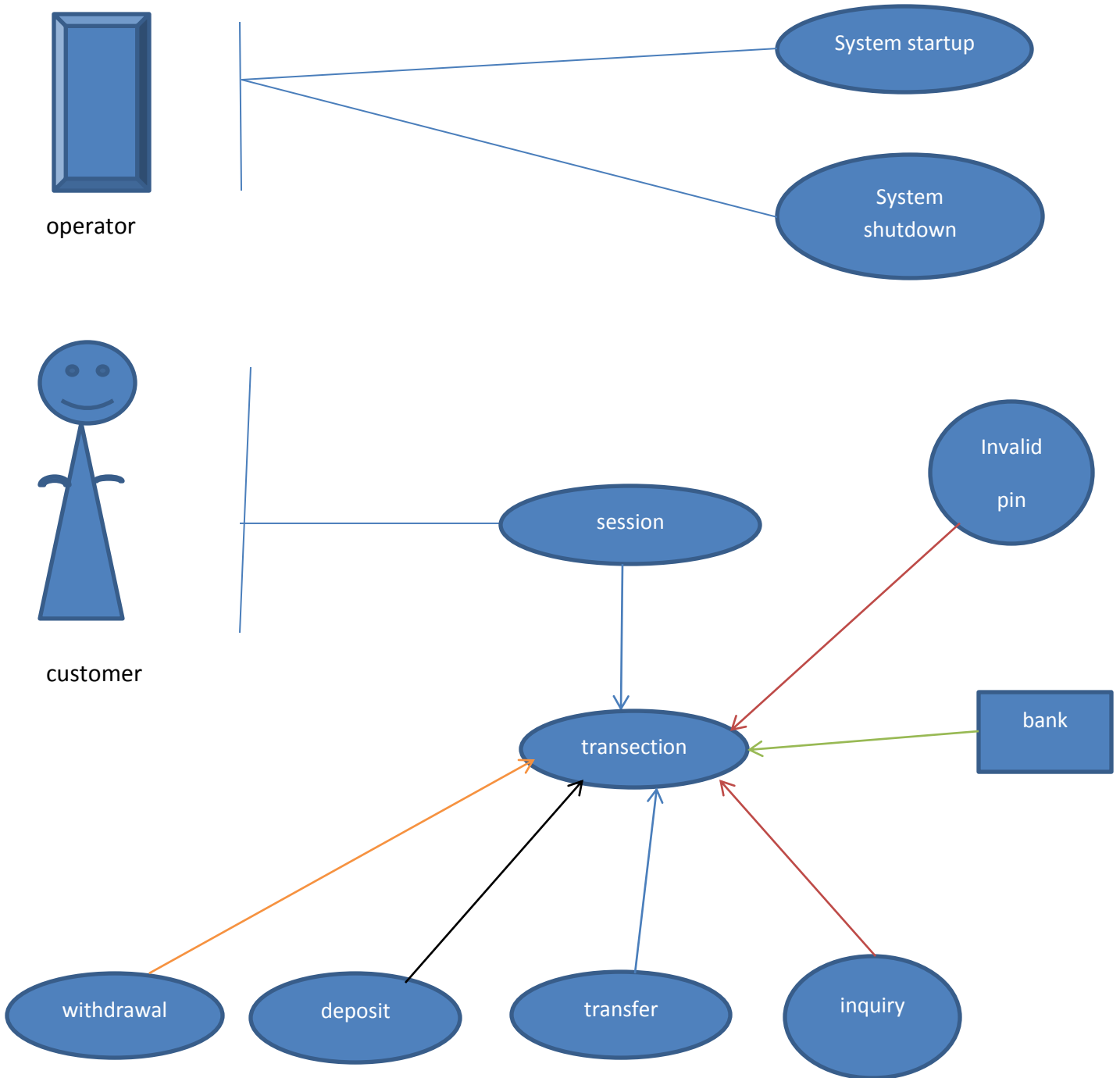The persional issue the wrong destination? So can he go back in options?

Is there a cancel option to change the destination ?

Is there voice for blind who can t read?

The percional credit transaction ticket issued?

Question no 5

Answer: ATM SYSTEM

operator

System startup

System shutdown

customer

session

Invalid pin

transection

bank

withdrawal

deposit

transfer

inquiry

THE END