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Program = BS (SE)

Section = A

Subject = Software  
Engineering

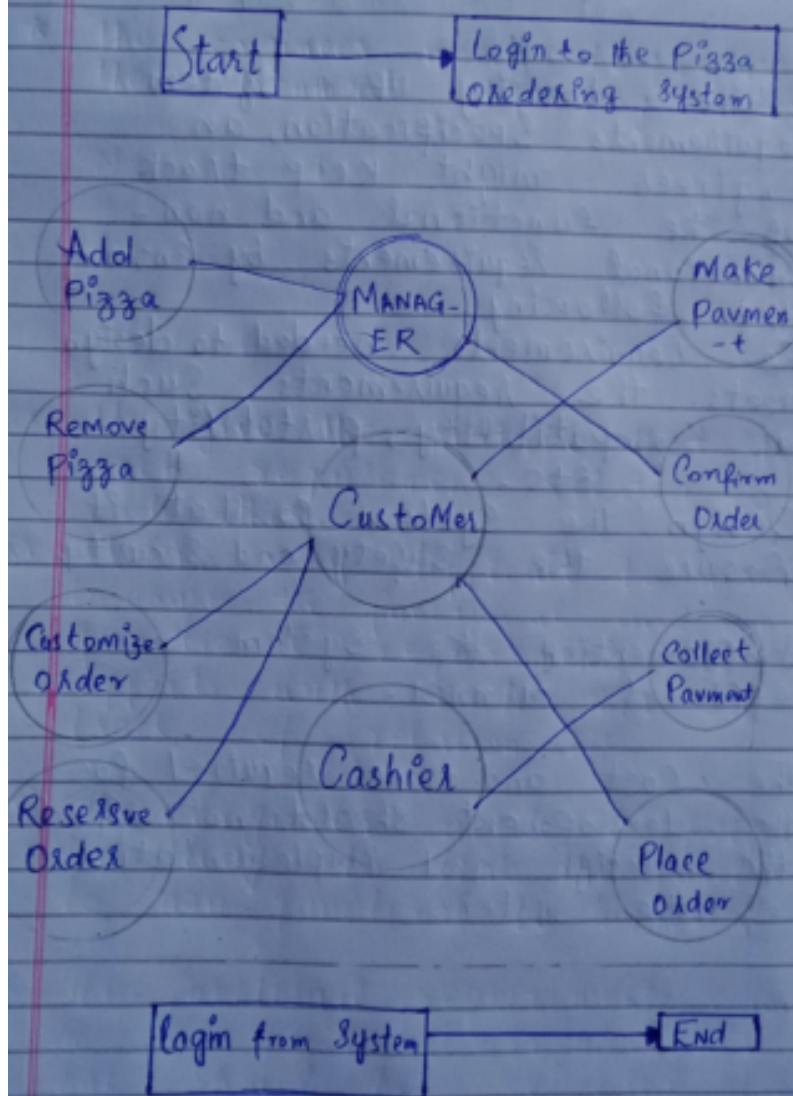
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Question = No = 1

The Pizza ordering system :=>

ANSWER :=>



(2)

Question No  $\Rightarrow$  02

Functional requirements describe the system what it will do. Non-functional requirement describe the describe the expectations but it is not-concerned with the system.

While drawing up a system requirements specification, an engineer might keep track of the functional and non-functional requirements by ensuring the following.

- \* The requirements needed to design meets the requirements such as compatibility, portability etc.
- \* Design the system so that it ensure the safety and security.
- \* Implementing the system in an efficient manner.
- \* The cost and time required for the development should not affect the design and implementation of the system.



(3)

- ★ The first step is to make the systems requirements document
- ★ it is engineer responsible to prepare documents to each functional and non-functional requirement.
- ★ The Engineer needs to prepare the document depending on this

Non-functional requirements need the natural language and functional requirements need the structured language to understand better.

- ⊛ It give the matrix that show each requirement related to each other.
- ⊛ it is very difficult to manage because the functional and non-functional requirements put efforts with each other on track of relationship.
- ⊛ The Engineer needs to prepare the way to link the functional to non-functional to implement it
- ⊛ The functional requirements enforce the non-functional requirements that should be recorded and tracked.

(4)

Question No. ⇒ 03

Answer; ⇒

- ⊛ It is difficult to introduce agile methods into large companies for a number of reasons.
- ① Project managers who don't have experience of agile method may be reluctant to accept to risk of a new approach, as they do not know how this will affect their particular projects.
- ② Large organizations often have quality procedures and standards that all projects are expected to follow because of their bureaucratic nature, these are likely to be incompatible with agile methods. Sometimes these are likely to be incompatible supported by software tools.
- ③ Agile methods seem to work best when team members have a relatively high skills level. However within large organizations there are likely to be wide range of skills levels may not be effective team members in agile processes.

(5)

(4) There maybe Cultural resistance to agile methods, specially in those organization that have a long history of using conventional Systems Engineer Process.

Change management and testing procedures are Examples of Company procedures maybe not the Compactable with agile methods. Change management is the process of Controlling changes to a system so that impact of changes is predictable and costs are controlled. All changes have to be approach in Advance before they are made and this conflicts with the notion of Refactoring. In XP any developer can improve any code with out getting External approach for large system there are also testing standard where a system build in handed over to an External testing team. This may conflict with the test first and test often approaches used in XP.



(6)

Question No = 4  
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ANSWER | =  
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In this first if the person have no credit card. Then what? whats the process of cash.

What if the person choose the wrong destination? can he go back in options?

Is there a cancel option to change the destination?

Is there voice for blind who can't read?

(7)

Question No = 5

-! Answer =>

ATM System :->

