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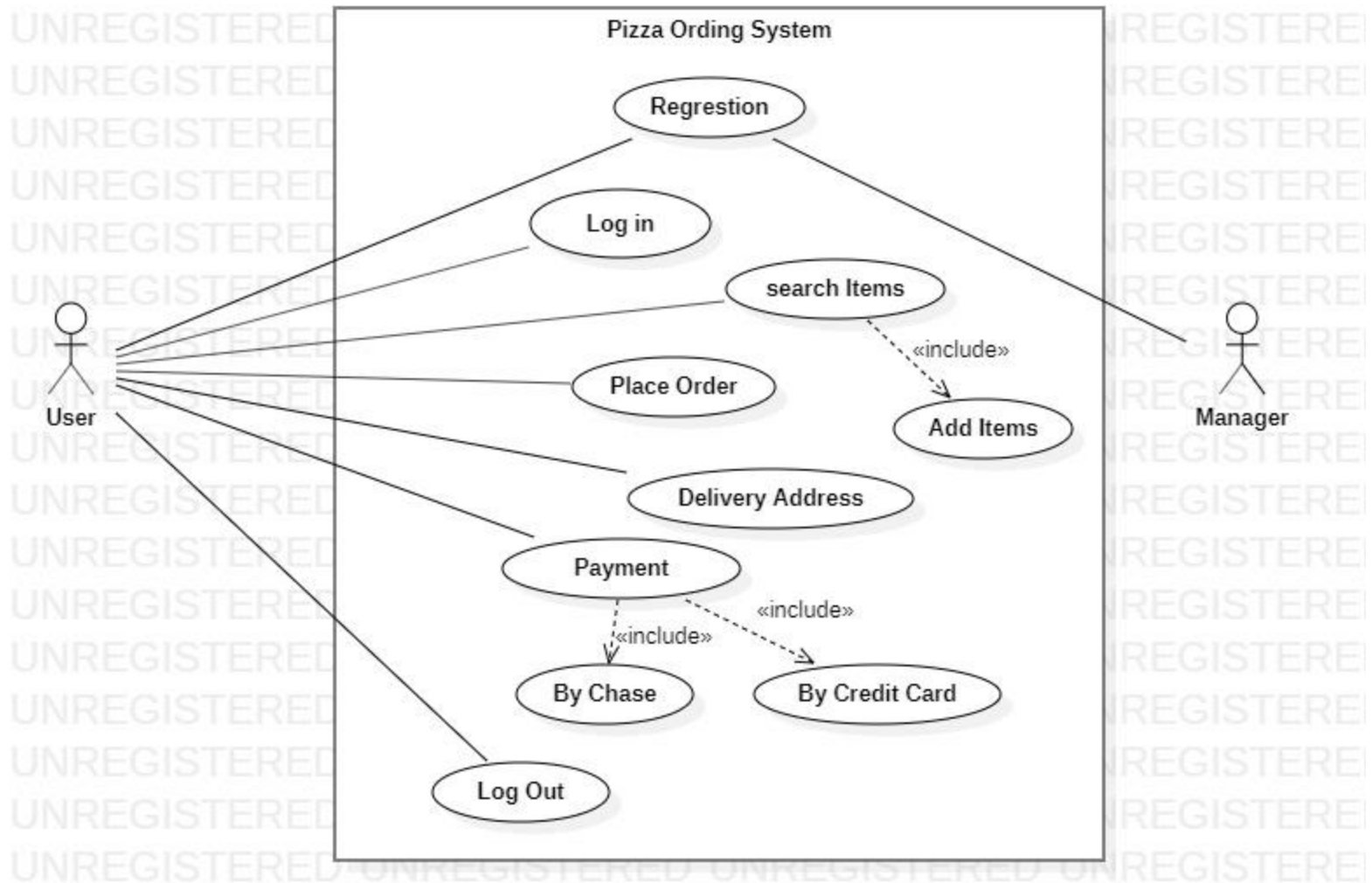
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paper: Software engineering

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- Q1: the pizza ordering system?
- Ans: there is the pizza ordering system use case diagram in the next page.



- Q2: suggest how an engineer responsible for drawing up a system requirements specification might keep track of the relationship between function and non function requirement?
- Ans: the requirements of customer is must, when an engineer drawing up system for the customer.
- When the engineer design up the system for any customer, the requirement that is given by the customer is called functional requirement.

- The functional requirement can be change if the customer want, only customer can be allow to access to the functional requirement.
- An engineer can be allow to access to the non functional requirements, and only engineer can change the non functional requirements.
- For example : for example a customer want to drawing a system for a bank, that can access allow only with face ID or use finger print?

- Functional requirements : the functional requirements are following below:
- first the customer must be register with the bank.
- If the customer is register with the bank then he/she can be log-in to the bank account.
- If there is no face ID or finger print is present of the customer then he/she can not be allow to access to the bank.

- If the face ID or finger print is recognize in the bank data base the it can allow.
- A customer allow only it that time if his/har account is present in the bank.
- Non functional requirement: (privacy) the customer his account in the bank and he/she can access with the credit card, then the history of the card is left in the data base of the bank, and the security is must for that can not access other customer or bank employ.

- Which is non functional requirement but it is must.
- The customer is allow to access to his account, and if there is some error is present in the system, than that engineer can allow to access to the customer account.



- Q3: To reduce cost and the environmental impact of commuting...?
- Ans: when the company is decides to close the some office which work on the base of agile method, so the company face a lot of issues and problems.
- Agile method is all about the team work and develop the requirement in pair.
- Difficulties: the employs of the office are not be able for meting.
- Exchange of ideas is not possible when customer or employ work it home.

- In pair working one employ start programming and the other one test it that time, so finding error is sample as compare to single work in home.
- They need so much time to complete the given task as compare to pair work.
- The product in a result is poor because of the communication gap.

- Avoid these problems: first the manager should create a group where all the employ his online it the same time.
- When the manager give a project to employ to done it, so give a select time for doing the work, if in case the employ done the work after the given time then cut so money from his account.

- Provide the group video call which can detect the error in the employ program.
- The employ will be honest with our company.
- Work hard at home.
- Offering some sample gift on each project.

- Q4: discover difficulties and ambiguities or omission in the following statement of requirements for part of a ticket-issuing system?
- Ans: Difficulties: the following is the difficulties with the ticket-issuing system.
- Personal information, there is not much need the personal information when the person buy a ticket online, just need the passenger name and the set number.
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- For destination it is not need to sent the message to the passenger , if it that time the mobile of the passenger is off, then how the passenger select the destination
- The system should be able to show the payment required for each stop or destination.

- If there is a passenger and it has no personal account then how it buy a ticket by using credit card.
- When a passenger use his credit card for payment, then there is no security system to protect his credit card.
- Ambiguities: the following is the ambiguities with the ticket issuing system.
- First passenger select the destination then there is no need for a start button in a system, and after press the start button select the destination.

- Again entering the credit card when the passenger select the destination, when was the passenger buy the ticket he/she pay the payment by credit card, so there is no need to enter his card again.
- When was the passenger buy a ticket he/she give his information to the cashier, so it's mean that no need for personal identifier.



- Q5:using your mind of how an ATM is used. Develop a set of use case that could serve as a basis for the understanding the requirements for an ATM?
- Ans: the following steps in must need to use ATM.
- Enter his care to the ATM system.
- Ask for a pin of the card.
- Option how to use your account.
- In case when you select withdraw from your account the after that first you pick up your ATM card from the system and then payment.

