

Date: _____

Name

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ID

14619

Degree

BS(SE)

Semester — 4

Section 'A'

Paper

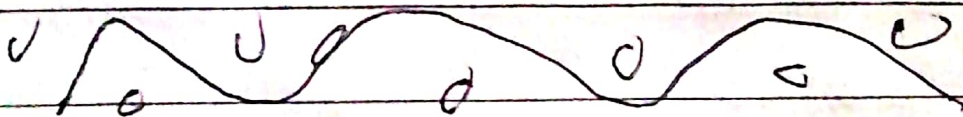
Software Engineering

Exam

Mid (online)

Date

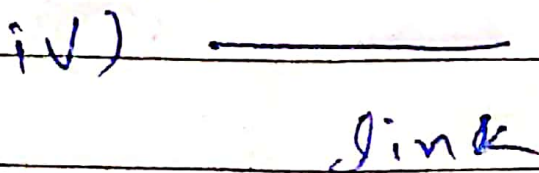
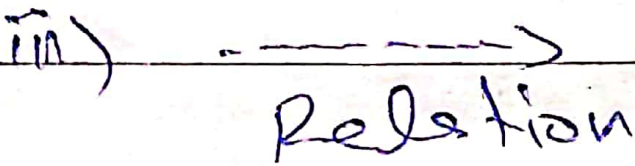
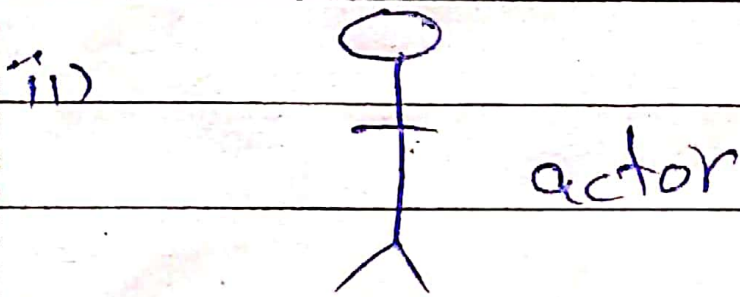
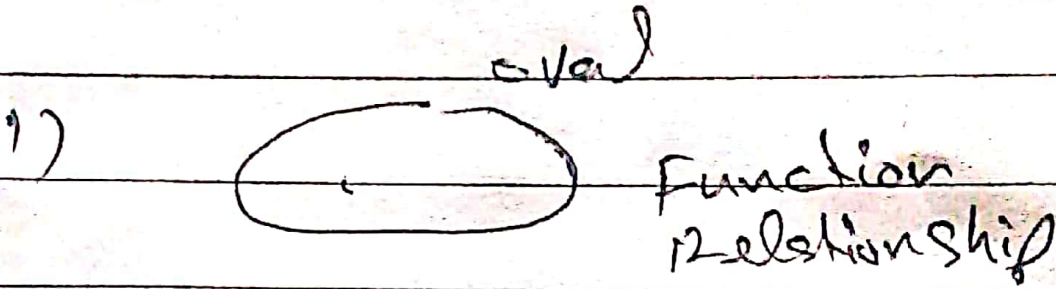
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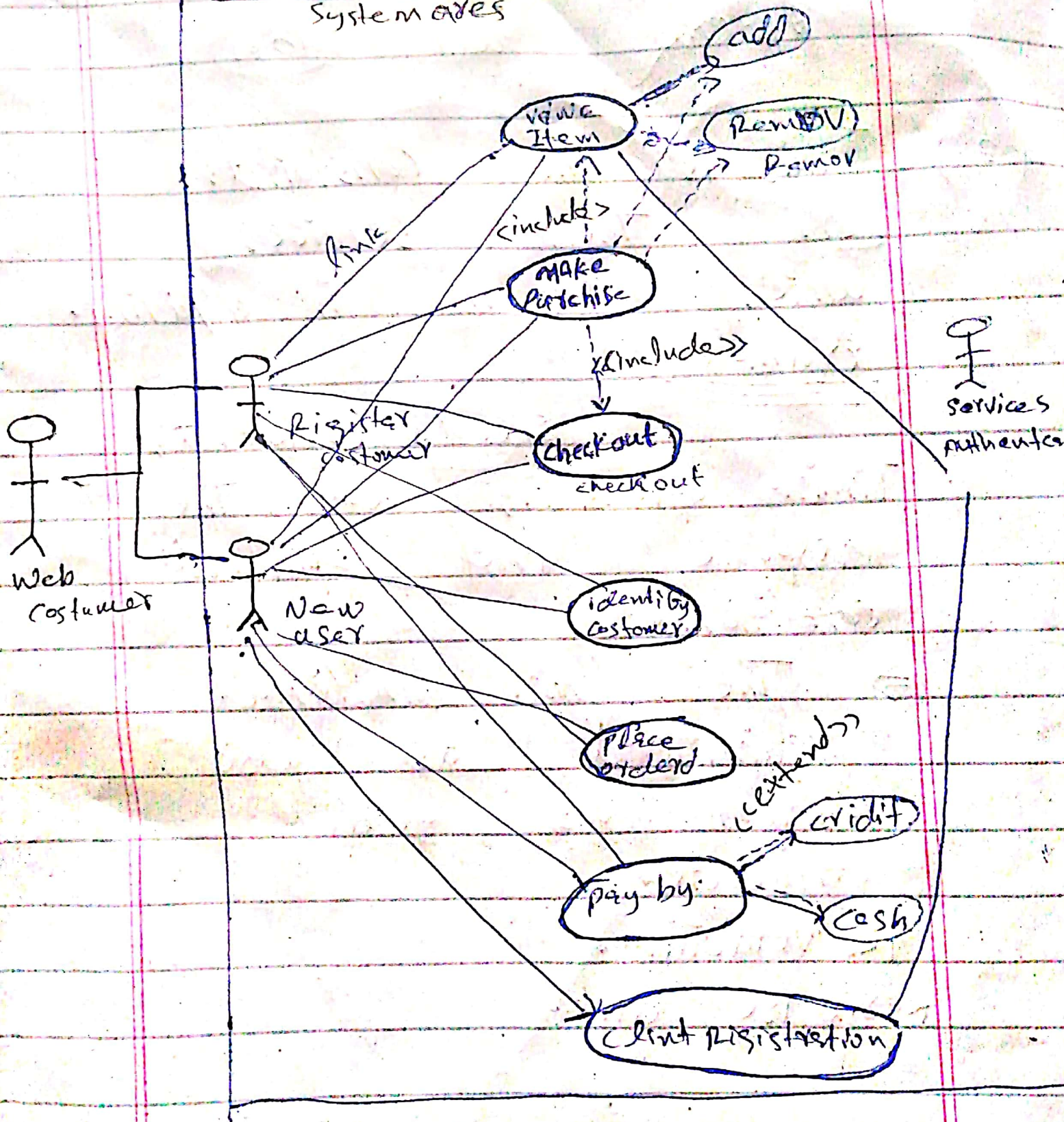
Q11.(Ans):

The Pizza ordering system allows the users of web browser to order pizza for home delivery. To place an order, a shopper searches to find item to purchase, add items one at a time to a shopping cart. and possibility searches again for more item when all item have been chosen the shopper provides a delivery address if not paying with cash. The shopper also provides credit card information. The system has an option for shopper to register with the pizza shop. They can then save their name in address information so that do not have to enter this information that the place an order.

Use-Case Symbols



System uses



Q2:

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Q2

Suggest how an engineer responsible for driving up a system requirement specification might track of the relationship b/w functional and non-functional requirements.

Answer:

Engineers would have to make a system requirement Document.

for each functional and non-functional requirement. The engineer should use natural language for non-functional requirement and structure language for functional.

requirement the engineer
would also have
to make sure
that the non-
functional requirement.
Don't conflict with
the functional requirement.

SRS (system requirement specification.)

Ap Definition :-

A
requirement specification
for a software
system a complete
description of the
behavior of a system
to be developed.

⇒ The complete information will be store/impliment in the form of SRS.

⇒ It include the set of use case that deribes all interreaction the user will have the software.

SRS Document

introduce Purpose Scop Definition system overview Reference	Overall Description Product Presipication Product function. User chara ctaristic Constrained Assumption Eg Dependen cis	specific req, external integ laces function. Performance req. logical database req. Desgin constrai nt. key feature	validation check validity check consistency completnes check.	validation technic requirem nt overview Prototyp teching Testare Testca gener ation
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Relationship b/w functional & non-functional requirement.

- (1) functional requirement: A describe that what a system should do.
- (2) This is the list of actual services which a system will provide or which user want from the software.

Example

feature of the software which the client demand. ;
Business role of the particular organization for which developing software.

Non-functional requirement:-

(1)

while a non functional requirement how the system will do.

(2)

This is the constraints on the services which system is offering.

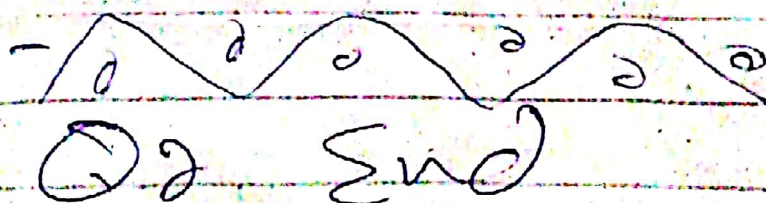
Example :-

speed, efficient, Timing operation, way the response and particular condition.

⇒ The non functional requirement as also known as quality attribute.

recoverability.

Response time.



Q3: Page (9)

Ans:

* In this case new policy pair programming does not take place which are effected our system.

~~*~~

* These will be no effective team case every one is staying home so it our system will be not effectivent & effective in many ways such as customer needs to in the term agile method which will not be possible and this will cause a problem.

* Agile means rapid and effective and by this policy the whole definition of this method will.

(e)

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Refactoring process with also not be as much as we want.

getting the knowledge of customer requirement will be at effected and we might does not give what the customer want.

To overcome these problem

we will have to make such kind of connection with all the stackodder which is effective.

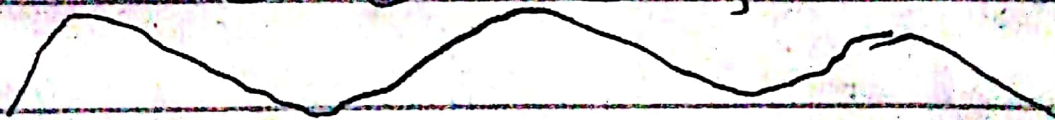
which can fulfill the definition of the

agile rechead.

* In which the while
member can work
together even if
the are in their
houses.

~ o ~

End @ 3:1



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Q4:

Discover difficulties / ambiguities or omissions in the following statements of requirements for part of ~~ticket-issuing~~ ticket-issuing system.

Ans 4:

Date: _____

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Q Their must be an option for pay by cash otherwise we face difficulties.

Q There must be an operator which help the user to understand the system if not then it will be a problem.

Q Is there any option be connect the issued ticket be cause passenger will have difficult reason for canceling the issued ticket if not then it causes difficulty.

Q Is there any way of refunding be money if there is't will be a problem.

Q5 Using your knowledge of how an ATM is used develop a set of use cases that could serve as a basis for understanding the requirements for an ATM system.

Ans:

The user/actor inserts card into the reader. Then the ATM ask for enter pin is (4 or 5) (number codes) when is user entered pin correct so then ATM displays users Bank information.

1st is withdraws money.

2nd is Transfer money.

3rd is Balance enquiry.

4th is Pay bill.

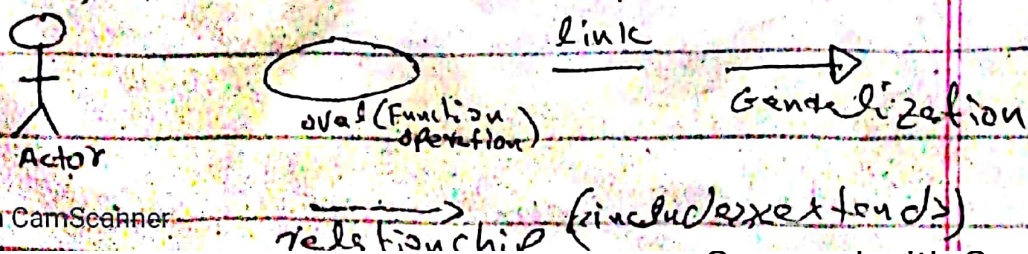
5th is print many statement etc

and when the user entered wrong pin. The card can't be read and ATM displays the error. When the user entered 5 time wrong pin so as the ATM alerts to the Bank of possible state card.

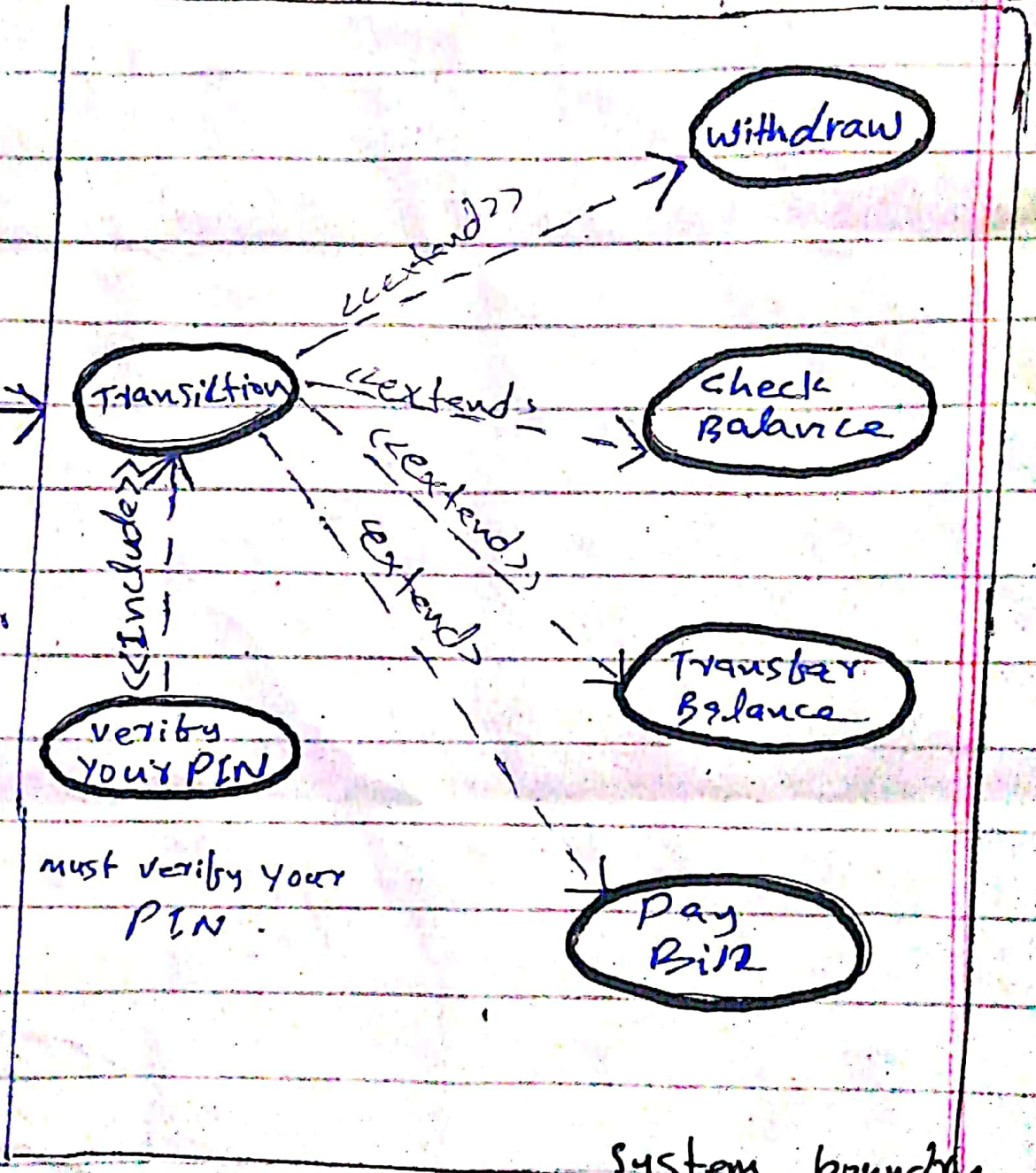
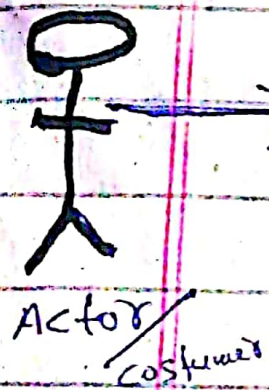
USE CASE

use case are general set of interrection b/w the user factor with the system to generate a desired output.

Following are the Symbol in use case diagram



System boundary



System boundary

The above figure:
the actor/customer goes
for doing a transaction
must verify your PIN
after the verifying of
our PIN then you can
do option of this.

