(66)

Test Two

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Student ID: ~~########~~ .

1. What is the goal of business process engineering?

The purpose of business process engineering is to build (to examine) the organization and ~~architecture~~, that enable the business to use information efficently, and to exit with ~~~~ useable product.

2. What models are created during the analysis phase of a software development process? What is the purpose of each?

1. information (Data) model : the purpose to assembly the Requirment about the system and the enviroment. From stackiholders, users.
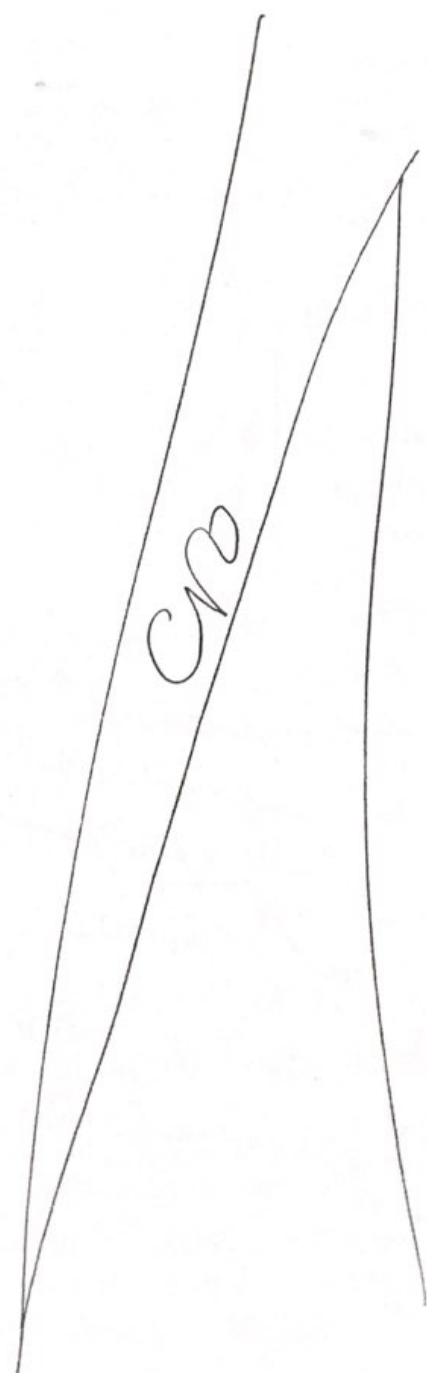
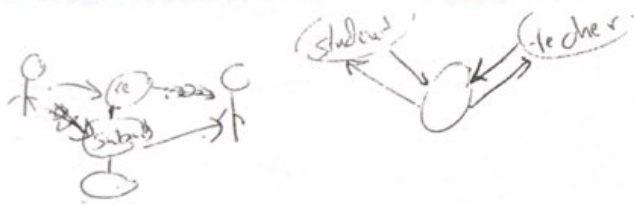2. bahavioral model : the purpose to Determined depe the event which will occures on the Data.

3. Functional model : The purpose ~~~~ ~~~~ transsmision the Data ~~~~.

(عندما يتم ادخال (Data) , او تعديل مثلا)

1

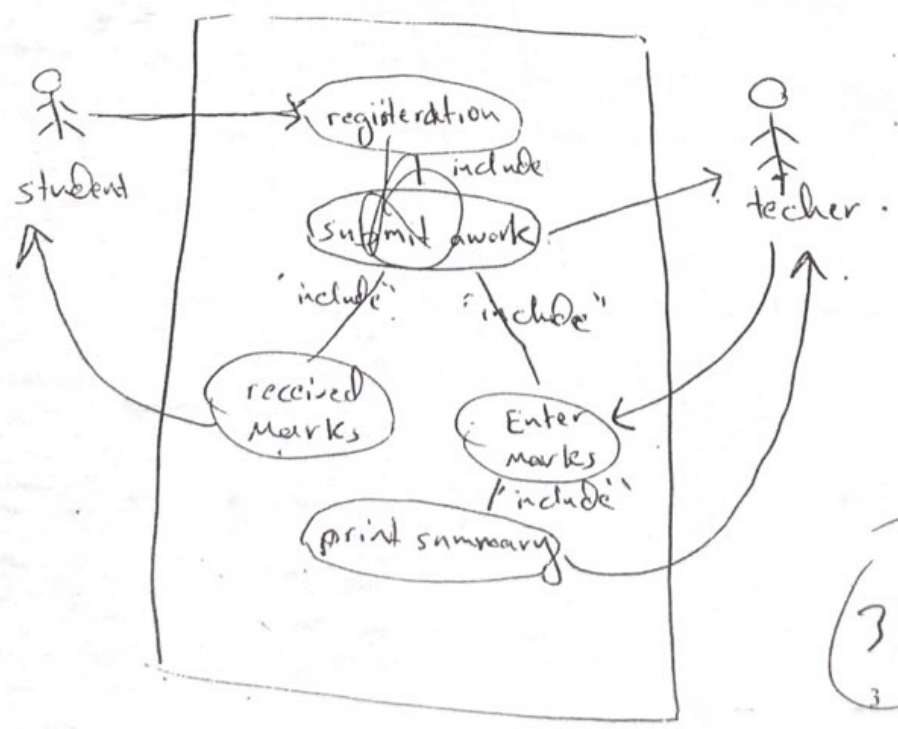3. List three problem space elements or solution space elements that should be considered as candidate classes.

4. A system is to be developed to support the management of exercises completed by students taking a course. Students first meet with the course tutor to register for the course, and then during the course they submit a number of pieces of work. At any point, a student can find out from the system the marks they have received for any exercises already completed. The course tutor can enter a mark for a piece of work, and print out a summary of the marks gained by all students on the course.

   a. Identify suitable use cases, and draw a use case diagram for this system.
   b. Provide a narrative description for two of the above use cases.
   c. Bases on the use cases specify and document two requirements one functional and another non-functional using the template given in the lecture hand out.

(a) use cases :

identify
1. registertion.
2. submit a work.
3. received marks.
4. Enter a marks.
5. print summary.
~~Enter~~

use-cases model.

) narrtive use_cases :

name : registration.
Actor : Student .
Description : To registration the course ~~which the~~
            student want it .
Pre-condution ; a
       a Must the student ~~takes~~ Finished all the
           courses need (. العلوم) ~~bit~~ this course .
       ~~to the page registration page opend~~ .

main Flow ?
                    will
       1. The student ? ~~open~~ the registration page
       2. Then student choose the ~~back~~ course which he
          want to registrated it .
       3. Then the student click button register .

Expention Flow :
       if the student ~~didit En~~ didn't Finished the
       all the courses need to registration the course .

Post-conditen :
       if the use case Finished succesfuly the Database
will change and add the new student, else the system
print message the registration is not complete..

2) name : recieved marks
   Actor : Student .
   Description . To ~~recieved~~ find out From the system the marks
                  they have recieved .
   Pre-conditen : The student submit ~~the~~ pieces of work .
   main flow :. 1. The student will open recieved page .
         to   2. The student will choose, ~~the~~ what is
              the mark he want to recived .
                  3. The system will show the mark .
   Expention Flow : ~~if the student to~~
              if the teacher Doesn't enter the mark (add the
                  ... ...

C. Req# : 1   Reqtype : non-functional
event/use case : registration
Source   : student
Description : To registration the course.
Rational   : To registration the course/which it
            student it want, To finish this course
Fit-critical : the student can registration more
    than one course with the same teach
customer satisfaction : 4
customer Dissatisfication : 5
Conflict : none
Dependence : none
History : 14/12/2004 -

[8]
[2] Req# : 2   Reqtype : functional . Source : stud
    event/use case : Recived Marks .
    Description : To Find out From the system the
                marks they have recived .
    Rational : at any point the student can
                recived there marks.
    Fit-critical : the student can recived all his mark
    Customer satisfication : 4 .
    customer Dissatisfication : 5 .
    conflict : none .
    Dependence : Enter amark
    History : 14/12/2004 .