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**UNIVERSITI TEKNOLOGI MARA  
PRACTICAL TEST**

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<b>COURSE</b>	<b>:</b>	<b>INFORMATION SYSTEM DEVELOPMENT</b>
<b>COURSE CODE</b>	<b>:</b>	<b>ISP250</b>
<b>DURATION</b>	<b>:</b>	<b>2 HOURS</b>
<b>NAME</b>	<b>:</b>	MUHAMMAD IRFAN NAFIS BIN OMAR
<b>MATRICS NO</b>	<b>:</b>	2021819166
<b>GROUP</b>	<b>:</b>	KCS1104B
<b>SOFTWARE / TOOLS</b>	<b>:</b>	DRAW.IO

**INSTRUCTIONS TO CANDIDATES**

1. This paper contains **TWO (2)** answer sections. Please copy and paste your answer from the software / tools used.
2. Please make sure all the answer diagram submitted are 1 page for each question, and visible to be read.
  - I know that plagiarism is wrong. Plagiarism is to use someone else's work and present it as your own.
  - This test ANSWER is my own work.
  - I have not been involved, nor will I allow anyone to copy my work with the intention of passing it off as their work.
  - I acknowledge that copying someone else's work (or part of it) is wrong and declare that my submission is my own.

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<b>30 MARKS</b>

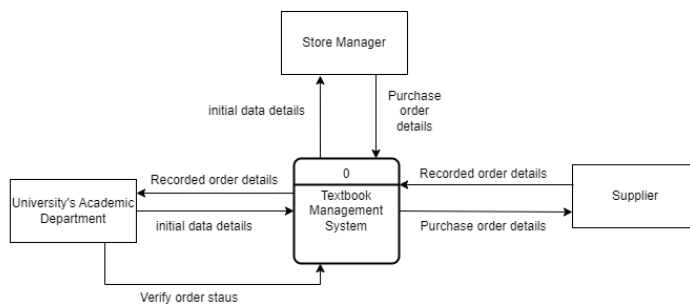
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**QUESTION 1**

a) DFD Context Diagram.

(7 MARKS)

CONTEXT DIAGRAM : Textbook Management System



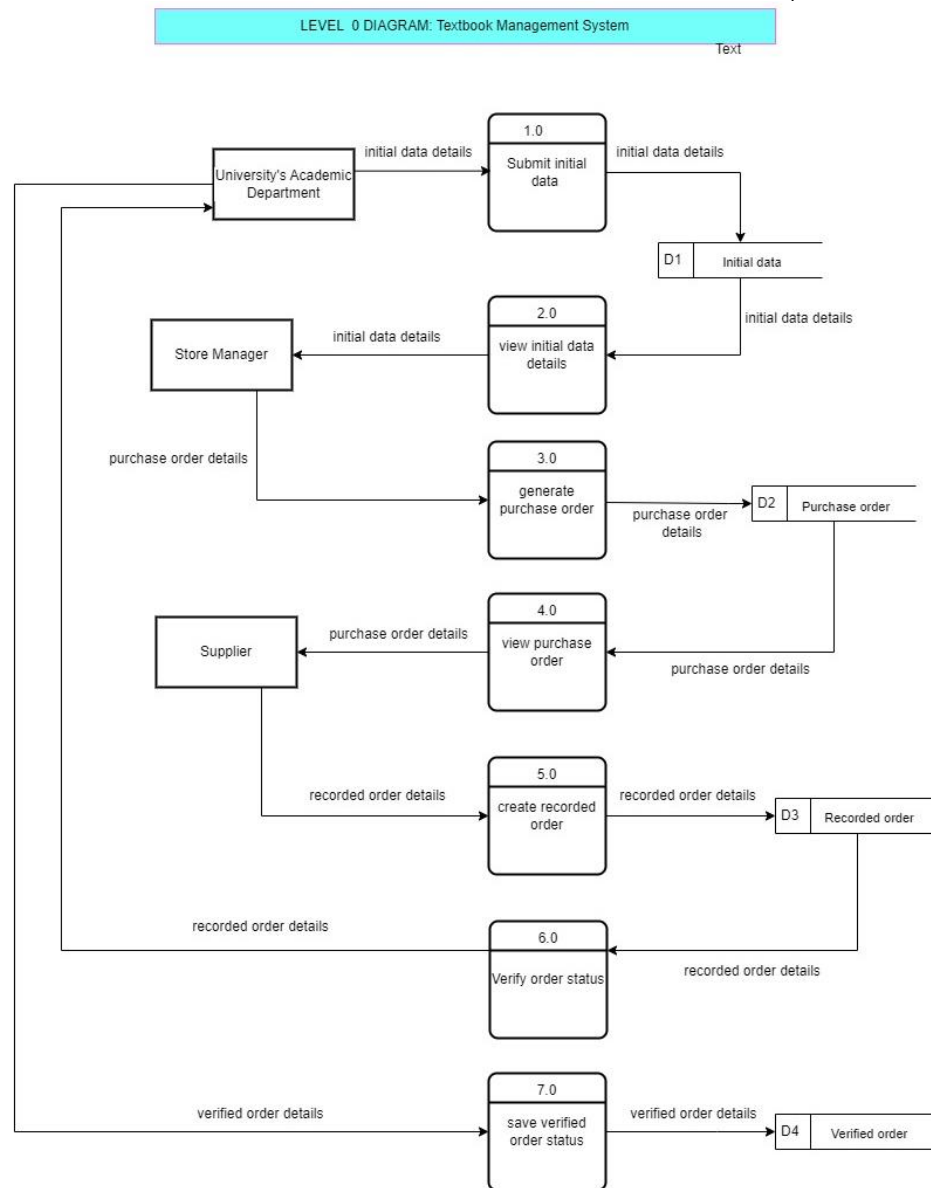
## QUESTION 1

b) DFD Level 0 Diagram.

(13 MARKS)

PROCESS

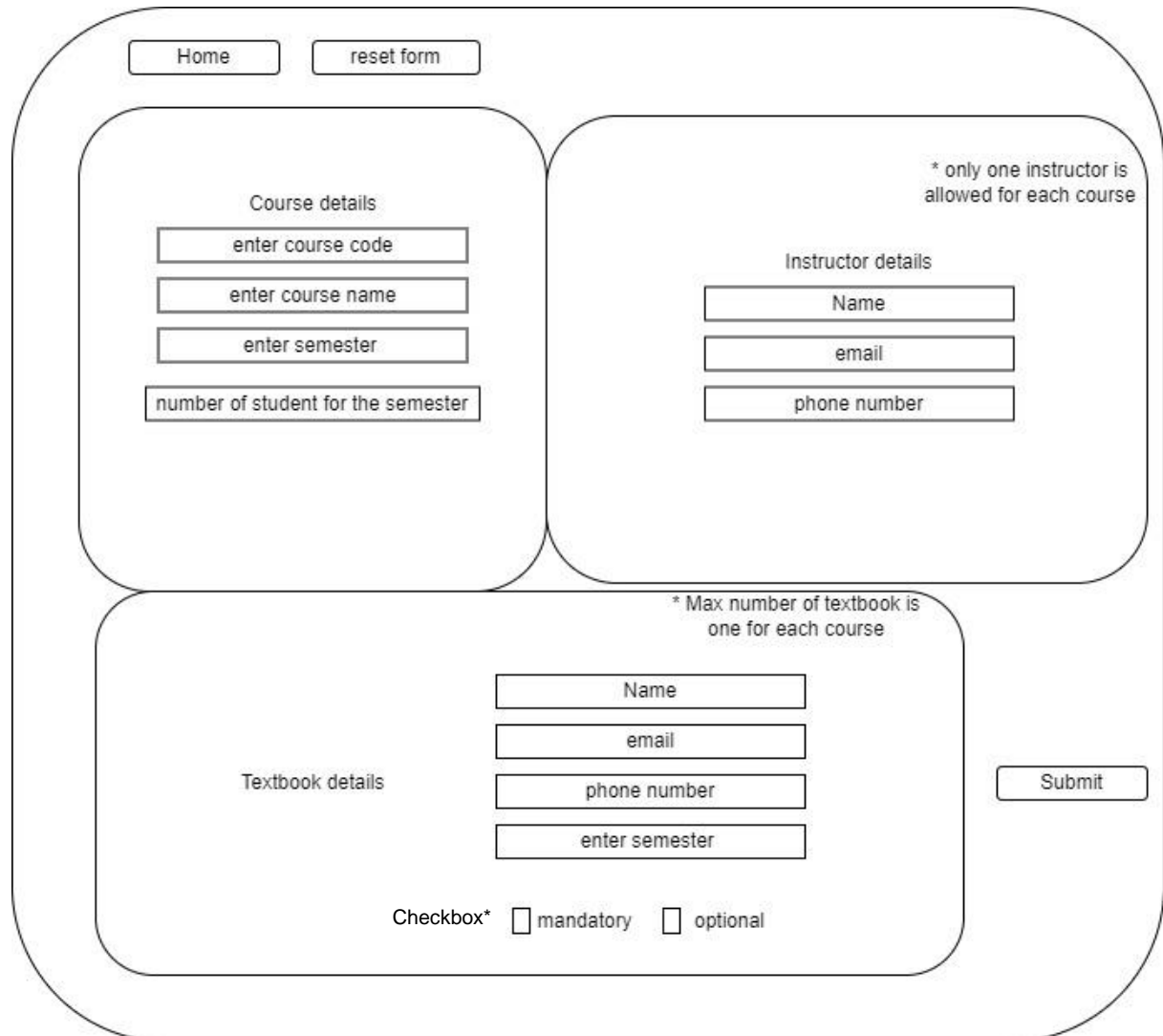
- 1.0 submit initial data
- 2.0 view initial data details
- 3.0 generate purchase order
- 4.0 view purchase order
- 5.0 create recorded order
- 6.0 verify order status
- 7.0 verified order status



**QUESTION 2**

User Interface Screen:

(10 MARKS)



The user interface screen is a rounded rectangle containing several sections and controls:

- Top Navigation:** Two buttons labeled "Home" and "reset form" are positioned at the top left.
- Course details:** A section on the top left with the title "Course details" and four input fields: "enter course code", "enter course name", "enter semester", and "number of student for the semester".
- Instructor details:** A section on the top right with the title "Instructor details" and three input fields: "Name", "email", and "phone number". A note above this section states: "\* only one instructor is allowed for each course".
- Textbook details:** A section at the bottom with the title "Textbook details" and four input fields: "Name", "email", "phone number", and "enter semester". A note above this section states: "\* Max number of textbook is one for each course".
- Form Controls:** A "Submit" button is located on the right side. At the bottom center, there is a checkbox labeled "Checkbox\*" followed by two options: "mandatory" and "optional", each with its own checkbox.

**END OF ANSWERS**