Course   Discussion   Progress   Notes

‹ Previous   Next ›

Quiz 3

Quiz 3

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Multiple Choice

2.0/2.0 points (graded)

Which statement provided below can be considered false?

○ Data Store are basically the datasets of the process.

○ Dataflow going in the data store means that some kind of information is inserted in the data store.

◉ Dataflows going out of the data store indicates that some kind of information has been updated in the data store.

○ Dataflow going in and coming out mean that some information is changed in the data store.

✔

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ⓘ
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Multiple Choice

2.0/2.0 points (graded)

DFD can be decomposed into different levels. Leveling means -

○ Splitting DFD into different levels

○ Make the structure uniform for each level

◉ Expanding a process into one with more sub-processes giving more detail

○ Summarizing a DFD to specify only the essentials

✔

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Multiple Choice

2.0/2.0 points (graded)

Which statement is false?

○ A composite dataflow is a dataflow that triggers a process

○ Level 0 diagram shows all the process that comprises a single process in Level 1.

○ Level 3 diagram is a detail description of some processes in level 2 diagram
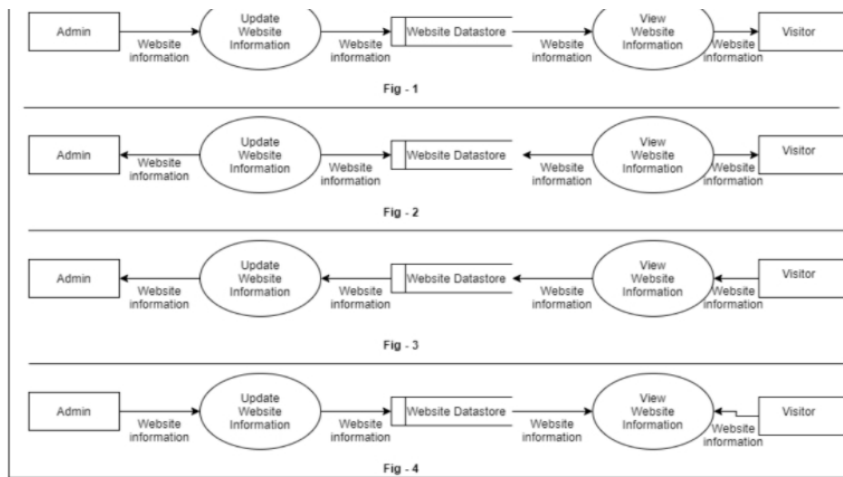
◉ Level 2 diagram is needed for every process in Level 1.

✔

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Multiple Choice

1/1 point (graded)

Fig - 1

Fig - 2

Fig - 3

Fig - 4

Which of the above diagram is correct

- 🔘 Fig -1
- ⚪ Fig -2
- ⚪ Fig -3
- ⚪ Fig -4

✔

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Multiple Choice

1/1 point (graded)

What is level 2 in DFD means?

- ⚪ Highest abstraction level DFD is known as Level 2.
- ⚪ Level 2 DFD depicts basic modules in the system and flow of data among various modules.
- 🔘 Level 2 DFD shows how data flows inside the modules mentioned in Level 1.
- ⚪ All of the above

✔

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Multiple Choice

1/1 point (graded)

Which component of a DFD defines the scope of the system being modelled?

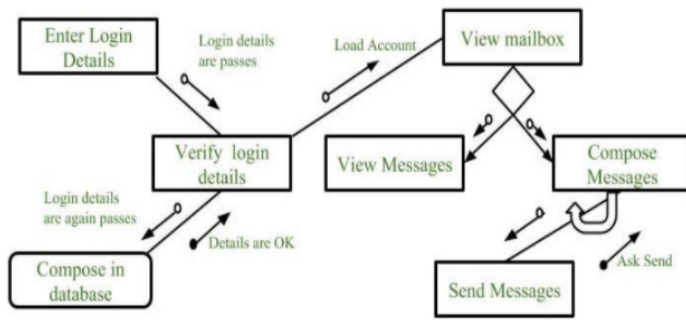- 🔘 External Agent
- ⚪ Data flow
- ⚪ Process
- ⚪ Data store

✔

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Multiple Choice

0.0/2.0 points (graded)

Which of the following statement is wrong about the structure chart of the email server?

- ○ "Details are Ok" are a control couple
- ○ The data couples after the view mailbox conditional line must have a name which is absent in the diagram. ✔
- ● The "verify login details" module has low fan-in and low fan-out.
- ○ The loop in the "compose messages" module is not required.

✖

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                                                          Show Answer

ℹ Answers are displayed within the problem

Multiple Choice

0.0/2.0 points (graded)

Which of the following is not an indispensable part of a structure chart that is big enough to be drawn over three pages?

- ○ Module
- ○ Data Couple
- ○ Control couple ✔
- ● Off-page connector

✖

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                                                          Show Answer

ℹ Answers are displayed within the problem

Multiple Choice

2.0/2.0 points (graded)

A physical DFD specifies

- ○ what processes will be used
- ● who generates data and who processes it
- ○ what each person in an organization does
- ○ which data will be generated

✔

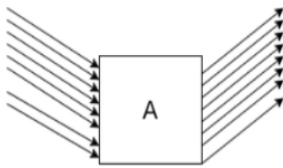Submit   You have used 1 of 1 attempt   ℹ
                                                          Show Answer

Checkboxes

2.0/2.0 points (graded)

What is applicable for module A? (Multiple options are possible)

- [x] It has high fan-in
- [x] It has high fan-out
- [ ] It maintains good program design principle
- [x] It violates the rule of thumb for maintaining low fan-out.
- [ ] Functional Cohesion is implemented.

✔

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‹ Previous   Next ›