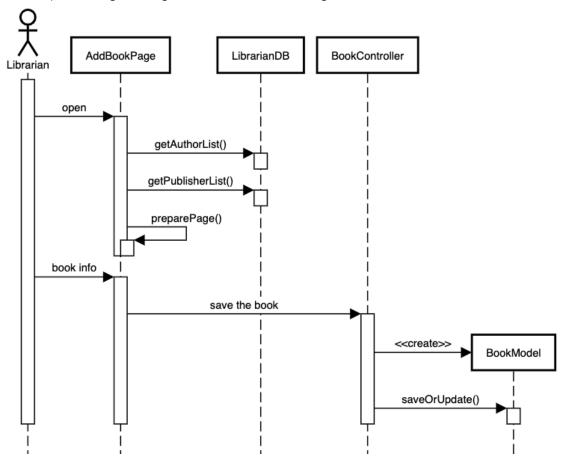
Status	Finished	
Started	Friday, 1 November 2024, 1:02 AM	
Completed	Friday, 1 November 2024, 1:03 AM	
Duration		
Grade	10.00 out of 10.00 (100 %)	
Question 1		
Complete		
Mark 1.00 out of 1.00		
Which of the follo	owing in software detail design is INCORRECT?	
Select one:		
a. There is p	ossibly some classes that have no methods.	
b. Each tab	le in the database needs at least one corresponding class in the software.	
oc. A detail o	design document includes all classes and their methods.	
od. Class me	thods shall be described clearly (such that they can be implemented correctly).	
Question 2		
Complete		
Mark 1.00 out of 1.00		
Which of the followard Select one:	owing about class diagrams in a design document is correct?	
a. May nee	d only an entity class diagram	
	d of the classes such as entity/model, boundary/view and controller is provided in a separated class	
diagram.		
	ner answers are correct.	
d. In a syste	m that interacts with end-users, boundary/view classes must be designed.	
Question 3		
Complete		
Mark 1.00 out of 1.00		
Mark 1.00 out of 1.00		
Which of the follo	owing about class diagrams in a design document is NOT quite correct?	
Select one:		
a. Need the	descriptions of all attributes.	^
	d descriptions about the classes.	
	descriptions of all methods.	
	amples of using classes.	
<u> </u>	p. 55 5. 55 1g	

Question 4

Complete

Mark 1.00 out of 1.00

In the sequence diagram in Fig7.1.2.1, which of the following is INCORRECT?



Select one:

- a. The message "save the book" is good definition of an operation at design level.
- ob. The Librarian triggers the sequence diagram.
- c. On opening, the AddBookPage calls getAuthorList and getPublisherList methods from the class LibrarianDB before calling its own method preparePage.
- Od. All component names must be in format "[object]:Component" such as ":LibrarianDB", "bm:BookModel".

Question 5
Complete
Mark 1.00 out of 1.00
Which of the following about diagrams in a design document is correct?
Select one:
 a. Class diagrams describe attributes and methods to implement the system.
 b. Class diagrams show descriptions about classes and their relationships.
c. All the other answers are correct.
Od. Sequence diagrams (if any) show interactions between system components.
Question 6 Complete
Mark 1.00 out of 1.00
Which of the fellowing companying and upper discovere in soft ways and discovered decimals covered.
Which of the following comparing sequence diagram in software specification and design is correct?
Select one:
a. All the other answers are correct.
Ob. In design, the "internal components" in a sequence diagram are classes/objects.
o. There may be no actor.
 d. In specification, the interactions in a sequence diagram are usually general operations, not detail class methods a in detailed design.
Question 7
Complete
Mark 1.00 out of 1.00
In the following description, which object classes can be defined? "The university is going to build a smart campus system
(SCAMS) to make the university smart. In 2019, the system is for the lecture halls, to control the doors, lights, fans, sound systems, projectors, and camera automatically based on the room schedule and the detecting of human."
Select one:
 a. All object classes from the other answers.
 b. LectureHall, Door, Light, Fan, SoundSystem, Projector, Camera, RoomSchedule, HumanDetectingService.
© c. LectureHall, Door, Light, Fan, SoundSystem, Projector, Camera, RoomSchedule.
d. Door, Light, Fan, SoundSystem, Projector, Camera.

Question 8
Complete
Mark 1.00 out of 1.00
Which of the following abut state diagram in software design is INCORRECT?
Select one:
 a. Used to show how objects respond to different service requests and the state transitions triggered by these requests.
 b. Are useful high-level models of a system or an object's run-time behavior.
o. Events on transitions have to be defined clearly.
 d. We have to provide a state diagram for all of the objects in the system.
Question 9
Complete Acres 100 and of 100
Mark 1.00 out of 1.00
Which of the following about diagrams in a design document is INCORRECT? Select one:
a. Sequence diagrams must be provided to represent interactions between components.
b. Activity diagrams may be provided to represent the activities of (part of) the system.
 c. Collaboration diagrams should be accompanied by sequence diagrams.
 d. State-chart diagrams may be provided to represent states and the state transitions.
Question 10
Complete
Mark 1.00 out of 1.00
In the following description, which object classes can be defined? "The book management system needs to manage information about book including name, year of publishing, number of pages, publisher, and authors. Notes that, a publisher may publish many book; a book can be written by many authors and an author may write many books."
Select one:
a. All the other answers are correct.
 b. Book, NameOfBook, YearOfPublishing, NumberOfPage, Publisher, Author.
© c. Book, Publisher, Author.
 d. Book, YearOfPublishing, NumberOfPage, Publisher, Author.