HANOI UNIVERSITY
FACULTY OF INFORMATION TECHNOLOGY

FLASH TEST

Course: **Information system design**

Semester: Spring 2023   Academic year: 2022 – 2023

Student's name: ....ID: ....

Exam duration: **60** minutes + 10 minutes for reading

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Part 1. About the course
1. Which of the following is not an objective of this course:
    a. Understand how to investigate the user requirements
    b. Know how to use a designing tool
    c. Can use analyze & design accurately, then applying it on implementation
    d. Maintain the application effectively
2. How much of the overall does the final project mark account for?
    a. 50%
    b. 60%
    c. 70%
    d. 80%
3. How many discussion marks do you need to get?
    a. 4
    b. 3
    c. 2
    d. 1
4. If your group did not review any presentation, what will happen to you?
    a. Fail the course
    b. Lose 8% of the overall
    c. Lose 12% of the overall
    d. Your internal mark is 0
5. Which of the following are material used for this course? (choose 3)
    a. Jonathan Rasmusson (2013), The Agile Samurai – How agile masters deliver great software, The Pragmatic Bookshelf.
    b. Cogner, S., 2012. Hands-on Database: An Introduction to Database Design and Development. Prentice Hall.
    c. Bennett S. (2002), Object-Oriented Systems Analysis and Design Using UML, McGrawHill.
    d. David E. Jones (2013), An Agile approach to analysis and design, HEMP.
    e. Itzik Ben-Gan, Dejan Sarka, Ron Talmage (2019) Software Testing Testing Across the Entire Software Development Life Cycle, Gerald D. Everett, Raymond McLeod, Jr.
6. What is the second topic that the teacher delivered to you?

a. Requirement collection
b. Agile
c. Testing lifecycle
d. User story
e. Other:_____(write the name of the topic if you choose this)
7. How many classes have you quit recently? (both ISD lecture and tutorial)
Answer:_____

Part II. General knowledge required by this course
8. What are problems of traditional Waterfall process? (choose 3)
a. Old method which isn't update regularly
b. Cannot change/fix deliverables from previous phase
c. Very costly to improve functionalities of system
d. Deadline is very important
e. Need end user involved
9. Which of the following is incorrect respect to the Agile methodology?
a. Agile is not always good
b. Good to deal with unpredictable requirements
c. Focus on customer collaboration
d. Focus on predictive processes
10. What are main problems of Agile methodology?
a. Is not perfect matching with big-size project
b. Long time spending on system analysis and design
c. Quality of project relies on quality of User story
d. High cost in managing project
11. Agile methodologies are for projects with: (choose 2)
a. Stable requirements
b. Responsible and motivated developers
c. Inexperienced developers
d. Customers who understand the process and will get involved
e. Small scope and low budget
12. Product Owners are most often responsible for writing the Acceptance Criteria within User Stories
a. True
b. False
13. Which is not a type of software testing
a. Unit testing
b. Integration testing
c. Demonstration testing
d. Smoke testing
14. Which of the following tasks belong to test planning (choose 3)
a. Setup test environment
b. Test effort estimation
c. Prepare testcases
d. Write RTM

e. Training requirement
15. Type of test document include all of the following except for
    a. Test scenarios
    b. User stories
    c. Test plan
    d. Requirement tracability matrix
    e. Bug report
16. What is not an objective of software testing
    a. Uncover as many errors/bugs as possible in a given product
    b. Demonstrate the working version of the product to customers at the end of each sprint
    c. Demonstrate a given software product matching its requirement specifications
    d. Validate the quality of a software testing using the minimum cost and efforts
17. Describle Cross-functional team members in Agile projects
    Answer:
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Part III. About your final project

    18. List full names of all members in your group and their tasks in the final project.
        Anwer:

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19. Your customer's name: ....
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20. Your topic: ....
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21. Summarize the teacher's comment for your group last week:...
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**********The End**********