

VAN LANG UNIVERSITY

UNIT: FACULTY OF INFORMATION TECHNOLOGY

EXAM QUESTIONS/QUESTIONS, RUBRICS AND SCALES

END-OF-COURSE EXAM

Semester 1, Academic Year 2024-2025

I. General Information	SOFTWARE DEVELOPMENT PLATFORMS		
Module Name:			
Module Code:	72ITDS30103	Number of Credits:	3
Module class group code:	241_72ITDS30103_01		
Exam format: Group Projects		Exam time:	3 Week
<input type="checkbox"/> Individual		<input checked="" type="checkbox"/> Group	
<i>File naming specifications</i>	<i>TeamXY_Project Name</i>		
<i>NO 2 TIMES</i>			

II. Exam requirements to meet CLO

(Phần này phải phối hợp với thông tin từ đề cương chi tiết của học phần)

CLO symbol	CLO Content	Assessment form	CLO weighting in the evaluation component (%)	Number Exam Questions	Scores maximal	Acquisition of attainment measurement data PLO/PI
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CLO1	Propose knowledge about cloud computing service models.	Report	10		1	PI.4.1
CLO2	Build software development solutions applying new technology of the model cloud computing services.	Report	20		2	PI.4.1
CLO3	Establish requirements for new technologies on the cloud computing platform to support students in orienting their future major subjects.	Report	60		6	PI.4.3
CLO4	Use the virtual environment to practice installing and working with application software applications in code, databases, computer networks, IoT, artificial intelligence and machine learning on cloud computing platform	Báo cáo	10		1	PI.5.2
				100%	10	

III. Topic content

1. Topics

• Each student team chooses a topic for the final project (group ≤ 2) according to the suggestions below: (based on the MS Azure/ Google/ AWS/ Salesforce/ cloud computing model)

- Using Virtual Machines
- Build a Chatbot
- Machine learning
- Web 3/ Smart Web
- Build App Sales, ...
- API, Build Web API
- Blockchain, AI, Build AI with App, ...
- Azure Kubernetes Service, Docker containers, ...

2. Project plan:

- Week 08th - 09th: design firebase real-time database, connect flutter project.
- Week 10th: finish project
- Week 11th: presentation

2. Guidelines for the format of presenting the question

Guide students to present: The results of the project included:

- _ requirements description document (word, excel),
- _ interface design (link fig-ma project),
- _ manual documents,
- _ link git hub, source code (zip)

Submit to subject eLearning page on week 11th

3. Rubric and scale

Rubric 3: Team Project 40%					
Criteria	Weight (%)	Excellent From 8p – 10p	Good From 6p – less than 8p	Average From 5p – less than 6p	Fail under 5p
Document Presentation	10	Document well presented, clear, well formatted	Document font format is not uniform	The unedited format document also shows a reference link	Missing title content
Description of the project	20	Compare similar apps. Recommend a solution. Function List	Function List	Compare similar apps. Recommend a solution.	Compare similar apps.

Source Code	60	Code executes as required, complete more than 80% of the workload	Code executes as required, complete more than 60% of the workload	Code executes as required, complete more than 50% of the workload	Code does not execute, does not execute correctly
Presentation	10	The layout is clear and logical. Full content on request Clear, attractive presentation Use professional means	The layout is clear and logical. Full content on request Clear, attractive presentation	The layout is clear and logical. Full content on request	Full content on request
	100%				

Moderator*(Approved)***Bui Minh Phung***Ho Chi Minh City, 30.10.2024***Lecturers**


Trần Công Thanh