

VAN LANG UNIVERSITY
UNIT: FACULTY OF INFORMATION TECHNOLOGY

TEST PAPERS, RUBRICS AND GRADING SCALE
FINAL EXAM
Semester 1, school year 2024-2025

I. General information

Course name:	MOBILE APPLICATION PROGRAMMING			
Course code:	72ITSE30603	Number of messages:	3	
Course group code:	241_72ITSE30603-01			
Exam format: Project		Time to do the test:	8	Week
<input type="checkbox"/> Individual		<input checked="" type="checkbox"/> Group		
<i>File naming convention</i>		<i>Group Code_Topic Name</i>		

1. Exam format

- Font: Times New Roman
- Size: 13
- Naming convention for exam/assignment files:
- + **Course code** _ Course name _ Course group code _ TIEUL _ De 1

2. Exam delivery

After reviewing the exam questions, Answer key/rubric. **The Head of the Faculty/Department** sends the exam questions, Answers/rubric to the Testing Center via email: khaothivanlang@gmail.com include word file and pdf file (**compress and set password for compressed file**) and text + sender's name to phone number **0918.01.03.09** (Phan Nhat Linh).

II. Exam requirements to meet CLO

(This section must be coordinated with information from the detailed course outline)

Symbol CLO	CLO Content	Evaluation form	CLO weight in rating component (%)	Exam question number	Score maximum	Get PLO/PI achievement measurement data
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CLO1	Apply basic knowledge to describe the components involved in developing a	Project	10	1	1	PI 1.1

	mobile application.					
CLO 2	Proficient in using Android Studio software to write source code, compile, package, test and debug mobile programs.	Project	20	2	2	PI 2.1
CLO3	Build a mobile app that meets real needs.	Project	20	2	2	PI 3.2
CLO4	Present a focused and practical solution to a mobile-related problem.	Present	40	3	4	PI 4.1
CLO5	Apply knowledge and skills to support, share and coordinate with colleagues in group work.	Project	10	1	1	PI 5.2
			100	9	10	

III. Topic content

1. Topic

The student group proposed their own topic to ensure the following requirements:

- Use Android Framework to connect Firebase service.
- Each implementer manages a CRUD instance in the database.

2. Instructions for presentation format

- Week 01st-03rd: Using, analyzing student group (2-3 members) self-proposes the functions of similar applications, thereby recommending functions list, business process for topic to ensure the application.

❖ Requirements:

- Week 04th- 05th: Design prototype by fig-ma tool
- Week 06th - 07th: Develop GUI android project, git-hub.
- Week 08th - 09th: Design firebase real-time database, SQLite, connect android project.
- Week 10th: Finish project
- Week 12th: Presentation

3. Rubric and grading scale

	Rubric 3: Presentation (10%)				
Criteria	Weight (%)	Excellent 100%	Good 75%	Average 50%	Poor <50%
Make good use of IT tools to illustrate information with pictures, diagrams, diagrams instead of using many words.	15%	The content of the slides is presented clearly, with a tight structure, without too many words, showing the strengths of images, diagrams and diagrams to represent information effectively. The drawings are clearly labeled with symbols.			Slides presented sloppily, carelessly, made basic presentation errors, too many words, did not promote the strengths of modeling to bring good effects to the recipients.
Verbal presentation ensures persuasion	35%	All members present, speak clearly and coherently, the contents presented show a close connection and transition, leading to persuade the audience.			Reading slides, presentations cause confusion, or easy to misunderstand information for recipients, discrete content does not show the connection when transitioning presentations between members.
The way in which information is organized in a set of documents describes the scientific requirements, clearly and accurately.	20%	The information presented in the document is clear, logical, understandable, and accurate			Discrete, sketchy information, many errors in document presentation, confusing or objectionable to recipients.
Good gesture interaction	15%	Make eye contact, or show good communication and connection with the audience			Only looking at slides or computers, not showing interaction, engaging with listeners
Answer the question satisfactorily	15%	Understand the question and answer satisfactorily, handle the situation well, show respect to the questioner			Unable to answer or having an unsatisfactory attitude and solution to the person asking the question
Total	100				

	Rubric 4: Project (45%)				
Criteria	Weight (%)	Excellent 100%	Good 75%	Average 50%	Poor <50%
Document Presentation	20%	The document is well presented, clear, and well formatted.	Inconsistent document font formatting	Documents with unedited formatting also show	Missing title, content.

				reference links.	
Description of the project	20%	Compare similar apps Suggest a solution List of functions.	Proposed solution List of functions	Compare similar apps	Lack of supporting documents
Source Code	60%	On-demand execution code completes more than 80% of the workload	On-demand execution code completes more than 60% of the workload	On-demand execution code completes more than 50% of the workload	Code not executing, not executing correctly
<u>Total</u>	<u>100</u>				

Ho Chi Minh City, date 15 month 09 year 2024

Reviewer

Lecturer

(Approved)

Bùi Minh Phụng

Võ Anh Tiến