FINAL YEAR PROJECT POLICY AND GUIDELINE

for

BACHELOR OF COMPUTER SCIENCE

Kulliyyah of Information & Communication Technology

International Islamic University Malaysia

1) Introduction

This guideline is the reference for Bachelor of Computer Science students who are doing Final Year Project 1 (CSCI 4401) and Final Year Project 2 (CSCI 4402).

1.1 Brief Description

The Final Year Project is a partial fulfillment of the degree of Bachelor of Computer Science (BCS). Students who are majoring in BCS are required to work on an CS project (individual or group) to fulfill the requirement. The students are required to formulate logical design (FYP 1) and development (FYP 2) of the project. It is a responsibility of the students to get a supervisor to guide and supervise their project. The students need propose a project, but their respective supervisor will advise on its feasibility and suitability.

The students are required to submit a project proposal during registration, an interim report (FYP 1) after a semester, then, on completion of the project (FYP 2), to produce a complete report of approximately 10,000 words in length (or 40 pages). The assessments for FYP include logical design, technical writing, intellectual quality and originality of the project. The Final Year Project is a preparation for Industrial Attachment Program and student enrollment in the job market.

2) Summary of Final Year Project Courses.

Table 1.1 – Final Year Project Courses Summary

Course Title	**Final Year Project 1 (FYP 1)**	**Final Year Project 2 (FYP 2)**
Course Code	CSCI 4401	CSCI 4402
Pre-requisite	Earned 78 credit hours	FYP 1 (CSCI 4401)
Deliverables	i. Interim Report ii. Presentation	i. Final Report ii. Presentation iii. Technical Report
Evaluators	i. Supervisor ii. Examiner iii. Coordinator	i. Supervisor ii. Examiner iii. Coordinator
Grading	**Coordinator** Coursework [20 marks] **Examiner** Presentation [20 marks] **Supervisor** Implementation [40 marks] Progress Report [20 marks]	**Coordinator** Coursework [20 marks] **Examiner** Presentation [10 marks] Technical Report [10 marks] **Supervisor** Final Report [20 marks] Implementation [40 marks]

3) The objective of the Final Year Project

A final year project demonstrates the ability to integrate knowledge that is acquired in pursuing a Bachelor of Computer Science. In addition, students are also expected to show the ability to perform self-learning of new skills. This includes documentation and presentation. Hence, Final Year Project is divided into two parts, namely Final Year Project 1 and Final Year Project 2, which are to be taken consecutively.

4) Categories of Projects

There are two categories of projects:

a) **Research** – Implementation of research activities which produce analytical output.

b) **Development** – Implementation of software development activities which produce a working product.

5) People and Roles

There are three characters involve in Final Year Project activities. Followings are the roles for each character:

a) Coordinator
   i) The academic staffs who are assigned as the lecturer for Final Year Project courses; CSCI 4401 and CSCI 4402
   ii) To compile students' name list, project titles and their supervisors
   iii) Schedule and plan the general milestone
   iv) Distribute the general milestone to all the students and supervisors
   v) Assist the Final Year Project online showcase organizer in providing the list of participants and evaluation
   vi) Prepare the marking scheme
   vii) Compile marks based on the online evaluation forms at the end of the semester

b) Examiner
   i) Evaluate Final Year Project poster presentation as assigned by the Coordinator
   ii) Evaluate Final Year Project technical report as assigned by the Coordinator
   iii) Submit online evaluation forms.

c) Student
   i) Perform class registration through *IIUM Web-based Course Pre-Registration*
   ii) Find Supervisor
   iii) Get the agreement from the respective supervisor to supervise the student's Final Year Project.
   iv) Attend FYP classes/seminars.
   v) Arrange a consultation with Supervisor
   vi) Follow deadline as fixed by Coordinator

vii) Prepare FYP poster
viii) Present Final Year Project in online showcase

d) Supervisor
   i) Propose FYP topics
   ii) Coach and guide to implement the project
   iii) Provide facilities and resources for project implementation
   iv) Evaluate FYP 1 online project presentation and the question and answer sessions
   v) Evaluate FYP 1 Interim Report
   vi) Evaluate FYP 2 Final Report
   vii) Perform continuous assessment of student progress
   viii) Key-in the marks into the Result Entry system

6) Numbers of students for One Final Year Project

Each student may do their Final Year Project alone or maximum member of two in one group.

7) Attending classes/seminars/consultation

Students are compulsory to attend:

a) Classes/seminars which are conducted by Coordinator.
b) Consultations with their supervisor.

8) Deliverables

The deliverables of Final Year Projects are as follows:

a) **Poster** – An infographic print of size A1 representing highlights of the Project
b) **Interim Report** – A document that consists of project title, category and preliminary studies (i.e.: requirement analysis, design, methodology, timeline)
c) **Final Report** – A document that consists of a complete description of the project
d) **Technical Report** – A dual column conference publication writing

9) Registration

Fulfilling the corresponding pre-requisites. The pre-requisite for enrolling FYP 1 (CSCI 4401) is earned 78 credit hours. The pre-requisite for enrolling FYP 2 (CSCI 4402) is completing CSCI 4401. Students are required to register the enrolment during Online Course Registration or Add/Drop Exercise.

10) Assignment of Supervisor

The supervisor will be assigned randomly based on demand and availability. However, the area of interest will be highly considered in the assignment of the supervisor. Therefore, it is highly recommended that supervisors prepare a brief description of the projects for their supervision.

Supervisors are required to register their FYP 1 students details into FYP dashboard.

11) FYP Showcase

At the end of the semester, FYP Showcase will be held online in Week TBD. All projects are expected to be presented for evaluation. The supervisor and examiner will do the evaluation.

12) Grading

a) Final Year Project 1 (CSCI 4401)

Roles	Items	Total Marks
Supervisor	Interim Report	20
	Implementation	40
Examiner	Presentation	20
Coordinator	Coursework activities	20

b) Final Year Project 2 (CSCI 4402)

Roles	Items	Total Marks
Supervisor	Final Report	20
	Implementation	40
Examiner	Technical Report	10
	Presentation	10
Coordinator	Coursework activities	20

13) Change of Project

a) Final Year Project 1 (CSCI 4401)
A project with changes in the research flow, the method, the project schedule, and the plan is allowed only once. Change of title due to title rephrasing is latest by Week 11.

b) Final Year Project 2 (CSCI 4402)
A student is not recommended to change their project. However, if the need arises, the student has to write an appeal letter to the Coordinator and need to prepare an Interim Report for the new project. The application to change of project is allowed before Week 4. Change of title due to title rephrasing is latest by Week 9.

14) Recommended Timeline

a) Final Year Project 1 (CSCI 4401)

Item	Deadline
Project Registration	Week 4
Evaluation of Implementation Progress	TBD
FYP Showcase	Week 13 (9-11) January 2023
Final Submission of FYP Progress Report	TBD

b) Final Year Project 2 (CSCI 4402)

Item	Deadline
Technical Report (hardcopy)	TBD
Evaluation of Implementation Progress	TBD
FYP Showcase	Week 13 (9-11) January 2023
Final Submission of FYP Final Report	TBD