

Faculty of Computing PSM BRIEFING Sem1_2627

A CHECKLIST BEFORE THE RACE

Committee Members

Ms. Hazinah Kutty Mammi
(FC PSM Coordinator)

SECR:
PSM1 & PSM2:
Ms Hazinah

SECJ:
PSM1:
Dr Muhammad Luqman Bin Mohd Shafie and Dr Alif Ridzuan
PSM2:
Dr. Ruhaidah Samsuddin and Dr Jamilah Mahmood

SECB:
PSM1:
Dr. Seah Choon Sen
PSM2:
Dr. Rozilawati Dollah

SECV:
PSM1:
Dr. Pang Yee Yong
PSM2:
Dr. Aida Ali

SCSP:
PSM1: Dr Aryati Bakri
PSM2: Dr Muhammad Aliif Ahmad



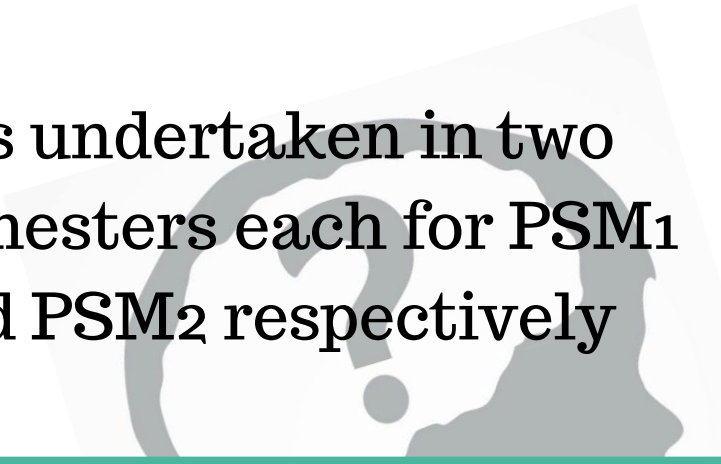
PSM

PROJECT SARJANA MUDA
(FINAL YEAR PROJECT)

It aims is to equip students with knowledge and skills in problem solving through appropriate academic and research activities.

A compulsory element, you need to pass to graduate

It is undertaken in two semesters each for PSM1 and PSM2 respectively



PSM1:
SECX3032

Pre-Requisite :
Software Engineering (SECJ2203)
Application Developments (SECX3104)
Total credits taken >80



PSM
PHASES



PSM2:
SECX4134

Pre-Requisite :
PSM 1 – SECX3032



PSM

PROJECT TYPES

PSM projects can be any of these 2 types:

System Development

Research



PSM1

THE FOUNDATION

Identify relevant information pertaining to project needs from a variety of resources.



Explain and apply project development methodologies appropriate to the project.



Design, plan and propose a project according to user requirements.



Communicate project ideas through technical report and presentation

PSM2

THE CONCLUSION

Code and develop project according to the proposed plan and design (PSM1)



Verify and validate developed modules following industrial standard practices.

Propose future improvement based on project outcomes

Communicate project results through technical report and presentation



PSM RESOURCES

https://comp.utm.my/psm/

If you can't remember that, just **Google using keywords **PSM FC UTM***

PSM CALENDAR

PSM FORMS

PSM HANDBOOK

PROJECTS OFFERED

UPDATES & SAMPLES

All information are available on the PSM website.
The PSM website is your friend.

**RESEARCH ONLY

PRISM A CHANCE FOR POSTGRADUATE PREP

PRISM is a program that helps students interested in pursuing postgraduate degree in FC,UTM.

For PSM, you can make it as the initial study for your Masters project (imagine it like Project 1 and 2 of Masters - where project 1 is done in PSM)

PSM IMPORTANT DATES

Must be followed

PSM1 CALENDAR BRIEF SEM1_2627

PART A

Submit Proposal
29-OCT-2026

Project Proposal Interview
2to6-NOV-2026

PART A.2

Resubmit Proposal
9-NOV-2026

Project Proposal Interview
10to13-NOV-2026

PART C

Progress Assessment 1
7to10-DEC-2025 [WK9]

Progress Assessment 2
21to25-DEC-2026 [WK11]

PART D

Draft report to SV for review
no later 1-JAN-2027

Draft Report Correction
up to 20-JAN-2027

Submit report (eval)
21-JAN-2027

PSM Presentation
25to29-JAN-2027

Submit report Correction
5-FEB-2027

*full calendar in PSM website

PSM IMPORTANT DATES

Must be followed

PSM2 CALENDAR BRIEF SEM1_2627

PART A

Demo 1
16 to 19-NOV-2026
[WK6]

Demo 2
21 to 25-DEC-2026
[WK11]

PART B

Draft report to SV for review
4-7-JAN-2027 [WK 13]

Report Correction
up to 20-JAN-2027
[WK 15]

PART C

Submit report, short paper, videos for evaluation
28-JAN-2027 [WK16]

PSM Presentation
1to5-FEB-2027 [WK 17]

PART D

Submit report Correction
15-FEB-2027

Submit Final Thesis, CD, Short Paper, Code Booklet
15-FEB-2027

*full calendar in PSM website

Some Tips

FINDING A TOPIC

FIND ONE THAT FITS YOU

UNDERSTAND WHAT IT IS

DON'T DUPLICATE, DON'T PLAGIARIZE

FINDING AN SV

FIND ONE THAT SUITS YOU

FIND ONE EARLY

MEET FREQUENTLY (MIN 6)

LOG BOOK

YOUR PROJECT DIARY
HELPS KEEP YOU IN CHECK

At the end of the day, PSM is YOU.
Work smart and diligently and you will succeed.

NEW THESIS TEMPLATE

NEW SIZE
NEW COVER

MUST FOLLOW TEMPLATE THE CORRECT TEMPLATE

NEWS: 1

BEGINNING FROM SEMESTER (SEM1_1819)

PLEASE FOLLOW PSM TEMPLATE

The template can be found at the PSM website.

FROM SEM2_2021: ONLY SUBMIT E-COPY

PSM 1:
MUST SUBMIT A 2 MIN VIDEO OF PROJECT REFLECTION

PSM 2:
MUST SUBMIT 2 VIDEOS :
PROJECT DEMO AND PROJECT PRESENTATION

NEWS:2

BEGINNING FROM SEMESTER (SEM1_1920)

***STATUS: COMPULSORY.**
SUBMIT WITH REPORT FOR EVALUATION

SUBMISSION ON ELEARNING*, PSM ONLINE SYSTEM* AND EPORTFOLIO

PSM 1 : MUST SUBMIT 2 VIDEOS

- PROJECT PRESENTATION
- 2 MIN VIDEO OF PROJECT REFLECTION

PSM 2: MUST SUBMIT 2 VIDEOS

- PROJECT DEMO AND PROJECT PRESENTATION

VERY IMPORTANT TO KEEP UP-TO-DATE WITH INFOS AND FOLLOW RULES.

NEWS:3

BEGINNING FROM SEMESTER (SEM1_2223)

FROM SEM1_2223: CONTINUED ON



PSM 2: MUST SUBMIT CODE BOOKLET ON FINAL SUBMISSION

- TEMPLATE CAN BE FOUND IN ELEARNING AND PSM WEBSITE.

BOTH RESEARCH AND SYSTEM DEVELOPMENT PROJECTS

NEWS:4

BEGINNING FROM SEMESTER (SEM1_2223)

VERY IMPORTANT TO KEEP UP-TO-DATE WITH INFOS AND FOLLOW RULES.

We will be using NEW PSM FORMS.

- All forms are available on PSM website.
- Old forms not accepted.
- Forms are divided into their appropriate phases for ease of use.

PLEASE DON'T USE OLD FORMS – OR IT'LL BE REJECTED.

VERY IMPORTANT TO KEEP UP-TO-DATE WITH INFOS AND FOLLOW RULES.

NEWS:5

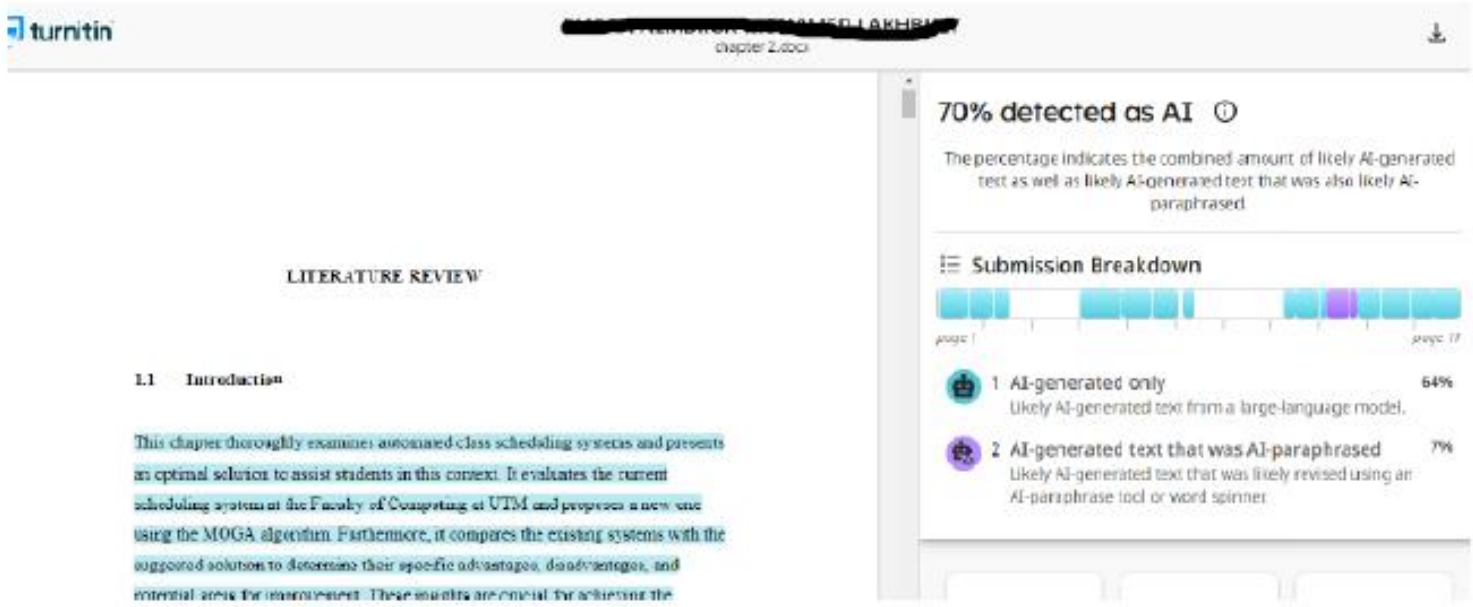
BEGINNING FROM SEMESTER (SEM1_2324)

New rules:

- CPA: All students are required to have at least a CGPA of 3.33 to undertake research type PSM.
- Turnitin: JKPSM will no longer provide the service. SV must provide them. AI % is also required – max 20% per chapter.
  - New forms to reflect the new similarity approach.

NEWS:6

BEGINNING FROM SEMESTER (SEM1_2425)

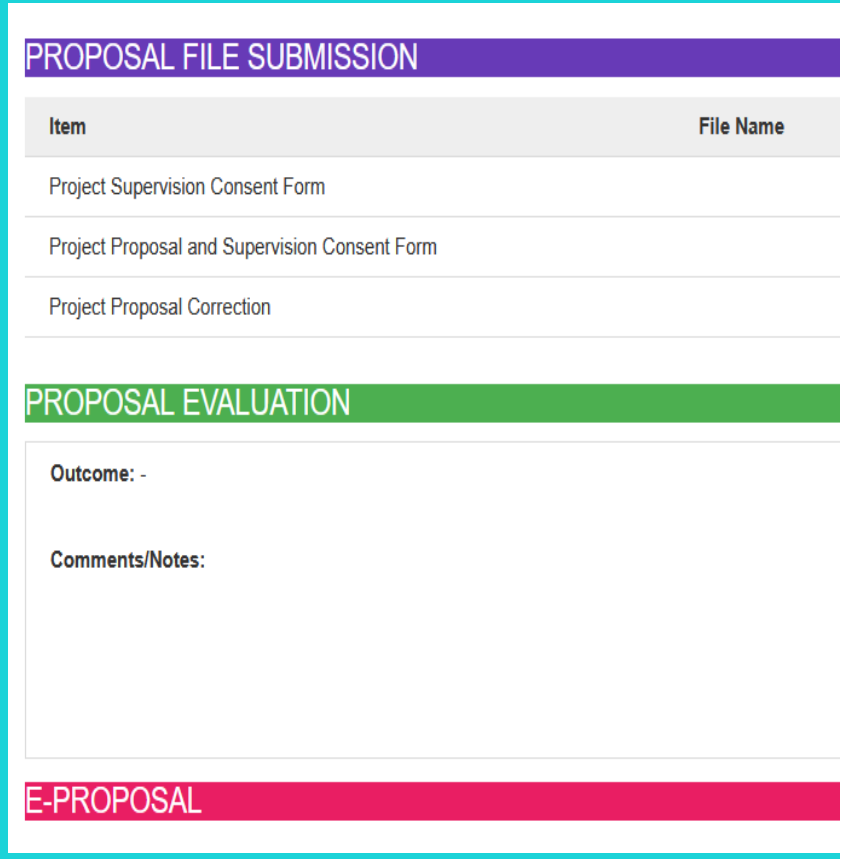


Similarity percentage summary from Turnitin (paste here).

Chapter	Similarity%	AI% [AI-Generated Only]	AI% [AI-Generated test that was AI-paraphrased]
1			
2			
3			
4			
5			
6			

PSM1 PROPOSAL UPDATE:

- E-PROPOSAL & Open-AI Review
  - Student MUST submit the required information.
  - You have to submit here and also in the e-learning system (refer to program JKPSM)



NEWS:7

BEGINNING FROM SEMESTER (SEM2_2526)

Session/Semester Info. | My Project | Projects | Students | Supervisors | Project Archive | Logout

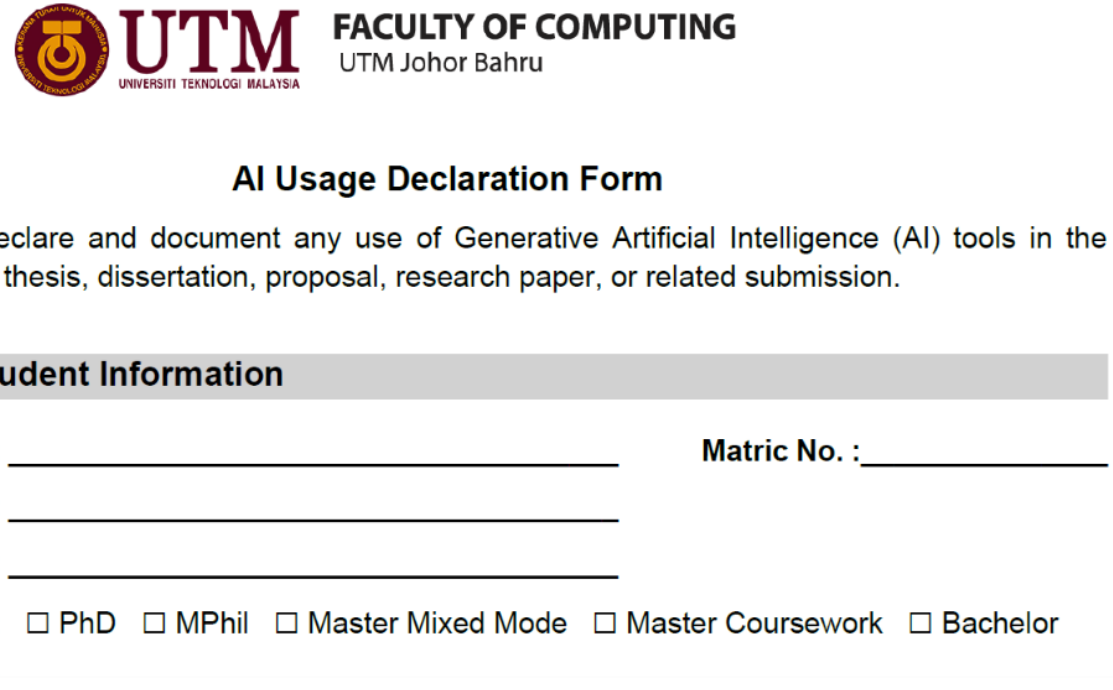
Student will need to copy from your proposal into the appropriate space in e-proposal.

- Project Info
- Proposal
- E-Proposal
- Progress 1
- Progress 2
- Final Progress
- Reviews and Comments
- Corrections

No:	1
Title:	Smart Outpatie
Project Idea:	My own idea
Project Type:	System Development
Problem Background:	In many hospitals, patients who need to go to outpatient clinics must first visit the emergency department to get and delays %97 sometimes patients wait for weeks or even months to get an appointment.
Proposed Solution:	The proposed solution is a Smart Outpatient Appointment System that allows patients to book their appointmen symptoms, and the system will: - Suggest the right medical specialty (e.g., heart, chest, bones). - Use AI to analyze symptoms and decide if the case is urgent or normal. - Give the patient an appointment based on urgency and doctor availability. This system helps reduce waiting time and improves the overall experience for patients and doctor
Objectives:	1) To make it easier for patients to book outpatient appointments. 2) To reduce waiting time and avoid unnecessary visits to the emergency department. 3) To guide patients to the right specialist automatically using AI. 4) To organize clinic schedules based on patient urgency.
Scopes:	1) Patient registration. 2) AI-based symptom classification (urgent / normal). 3) Suggest appropriate specialist and appointment time. 4) Doctor dashboard to view appointments. 5) Automated notifications using n8n.
References:	WHO. (2023). Improving Outpatient Services Efficiency. Zhou, H., Zhang, Y., & Liu, L. (2021). Artificial intelligen a retrospective cohort study. BMC Health Services Research, 21(1), 1245. Wang, X., Chen, J., & Li, T. (2022). Using artificial intelligence to reduce queuing time and improve satisfaction i Pediatrics, 10, 929834. Stakeholder approval and professional input from medical and AI experts

AI Usage Declaration Form

Student MUST submit the form and the required information.



UTM UNIVERSITI TEKNOLOGI MALAYSIA

FACULTY OF COMPUTING
UTM Johor Bahru

AI Usage Declaration Form

Purpose: To declare and document any use of Generative Artificial Intelligence (AI) tools in the preparation of a thesis, dissertation, proposal, research paper, or related submission.

Section A: Student Information

Name : _____ **Matric No. :** _____

Programme : _____

Faculty : _____

Degree : ☐ PhD ☐ MPhil ☐ Master Mixed Mode ☐ Master Coursework ☐ Bachelor

Research Title:

NEWS:8

BEGINNING FROM SEMESTER (SEM1_2627)

PSM EVALUATION

PSM1

PROJECT DESIGN

PROJECT REPORT

PROJECT PRESENTATION

PSM2

PROJECT DEVELOPMENT

PROJECT REPORT

PROJECT PRESENTATION

PROJECT DEMO

SHORT PAPER

CORRECTIONS SUBMISSIONS ARE MANDATORY.

- YOU WILL GET A TS GRADE, IF YOU FAIL TO SUBMIT CORRECTIONS.
- CONTINUED FAILURE TO SUBMIT CORRECTIONS WILL LEAD TO A FAIL GRADE.
- PSM2 STUDENTS NEED CORRECTION ENDORSEMENT BEFORE SUBMIT THESIS.

REMINDER: 1

MEETING WITH SV.

- IT IS COMPULSORY TO MEET WITH SV AT LEAST 6 TIMES .
- SV HAS THE RIGHT TO NOT APPROVE STUDENT FOR PRESENTATION. NO PRESENTATION = FAIL GRADE.

REMINDER: 2

TIME MANAGEMENT.

- MANAGE YOUR TIME BETTER.
- PUT REMINDERS ON YOUR PHONE CALENDAR.
- IF YOU OR YOUR SV MISS A DEADLINE FOR MARKS SUBMISSION – YOU GET ZERO.
- TAKE RESPONSIBILITY OF YOUR LEARNING – PLAN YOUR WORK, BE ALERT.
- DON'T WORK LAST MINUTE.

REMINDER: 3

TIME AFFECTS A LOT OF PEOPLE
– YOU, YOUR SV, THE EVALUATORS, JKPSM, ACADEMIC OFFICE

WHO ALL HAVE A DEADLINE FOR PROCESSES

JKPSM CAN DENY YOU EVALUATION IF YOU DON'T SUBMIT BEFORE DEADLINE.

CHATGPT (or any AI apps)

- THIS IS NOT YOUR FRIEND.
- YOUR LECTURERS KNOW YOUR LEVEL IN THINKING AND WRITING.
- YOU NEED TO SHOW YOUR UNDERSTANDING AND A GOOD FLOW OF DISCUSSION.
- MARKS ARE GIVEN BY PEOPLE – NOT MACHINE.

REMINDER: 4

Ethical misconduct

- SOME STUDENTS JUST SUBMIT OLD REPORTS, EMPTY DOCUMENTS/FORMS ETC TO DECEIVE THE JKPSM.
- STUDENTS WHO USED SV SIGNATURE WITHOUT CONSENT.
- IF YOU ANY OF THESE- YOU WILL NOT BE ALLOWED TO PRESENT → WHICH IN TURN YOU WILL FAIL.

REMINDER: 5





Thank You!

ANY QUESTIONS?