

Guideline Report Projek Sarjana Muda (PSM) 2

Abstract	• Summary of project background, problem statement, objective, methodology, project outcome/results, and conclusion/future direction. • in one paragraph (in past tense).
Introduction	• Introduction (project background) • Problem statement ◦ Embed in the Problem Statement to relate project with PO6 (Engineer and Society – societal and global issues (health, cultural, etc) and PO7 (Environment and Sustainability, which includes Sustainable Development Goals (SDGs) by United Nations) • Objective • Scope
Literature Review (LR)	• Academic publications (journal/articles/textbook) – MUST • Product Research (patent research) - option • Potential customer or potential user survey/feasibility study – option • Investigate into existing systems/techniques/technology that are closely related and comparison between them.
Methodology	• Provide general (from literature review until project completion) and specific (hardware, software, integration) flowcharts to explain the associated processes/methods needed to achieve that objective/ milestone. • Block diagram to explain the illustration of the project (experimental setup, hardware arrangement) • Design procedure of project
Results and Discussion	• Provide summarization of data collection, data trend, etc in table, graph, etc.
	• A minimum of 3 analyses must be carried out (depending on project's nature) ◦ Example: Data validation (developed prototype compare with another real measured data) • Comparison between techniques/methods
Conclusion	• General conclusion of the project • Recommendation - recommendation for future work (improvement etc) related to the project) • Project potential - project commercialization potential/practical application/community needs
References	• Most (80%) of references must be recent 5 years • Citation - Avoid excessive citation work in report. • Any info taken from any resources must be cited (tables, illustrations, etc.) • A minimum of 20 reliable references must be cited in the report. • Provide ways to cite multiple resources (book, website, newspaper, textbook) • Provide portion for each type of references. • Academic articles (journal/proceeding) min 50% • Website not more max 20% (not recommended) • Textbook • Wikipedia and similar unreliable resources are not accepted.