

**TK/TM/TU/TH4086  
SEMESTER 2 2020/21**

**FINAL REPORT (DELIVERABLE 7)**

**ABSTRACT**

Explain briefly the project in NOT MORE than 300 words:

- Introduction (what are the key aspects in the project?)
- Problem Statement (what is the problem?)
- Proposed Solution (how can the problem be solved?)
- Development Strategy (what development strategy and technology were used?)
- Outcomes (what is the final result/output?)

**CHAPTER 1: INTRODUCTION**

Include the revised version of Deliverable 1 (D1a):

- Background/Introduction
- Problem Statement
- Proposed Solution
- Objectives
- Scope
- Constraints
- Methodology
- Schedule

**CHAPTER 2: LITERATURE REVIEW**

Include the revised version of Deliverable 1 (D1b)

- Based on literature, provide background information about the problem domain that highlights the need for a solution.
- Describe/criticise the current available systems/technology.
- Compare and contrast the existing systems/technology with the proposed solution.
- Describe how the proposed solution fits into the business process or strategic objectives of the organisation/community (how it will work with other systems or the environment).

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## CHAPTER 3: METHODOLOGY & DESIGN

Include the revised version of Deliverable 2 (D2):

- Describe phases in the specific development model to be used for the project. Need to be suitable for the project aim.
- User Requirements Definition
- System Requirements Specification
- System Models

Include the revised version of Deliverable 3 (D3):

- Architecture Design
- Database Design
- Conceptual Design
- Storyboard Design
- Interface Design

## CHAPTER 4: SYSTEM DEVELOPMENT AND TESTING

Include the revised version of Deliverable 5 (D5):

- Describe the system development process.
- Extract and explain critical code segments.
- Discuss any problems faced and to what extent they were solved.

Include the revised version of Deliverable 6 (D6):

- Describe the test setup – test plans and procedures.
- Report and discuss the test results.

## CHAPTER 5: CONCLUSION

- Summarise the project
- Outline the strengths and limitations of the developed system
- Suggest future improvements

## REFERENCES

- List the sources of information that support the project (i.e. books; newspapers cuttings; conference and journal articles; web portals etc.).
- Use the appropriate referencing formats (i.e. Gaya UKM).

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## APPENDICES

- Description and evidence of requirements elicitation/gathering process (e.g. interview questions/scripts; survey questionnaires; shots of observation scenes etc.)
- Description of requirements validation process (i.e. Inspection; Reviews/Walkthrough; Prototyping).
- User manuals; business forms; business artefacts
- Source code; test data etc.

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## GENERAL RULES

- Each chapter shall begin with an introduction and end by a conclusion.
- Follow UKM thesis writing standard for the format (i.e. cover, acknowledgement, abstract, table of contents, abbreviations, list of figures/tables, references etc.).
- The thesis shall be written in Bahasa Melayu (**only for local students**).
- Exhaustive testing is impossible, thus select the most important ones.
- You may need to submit the draft of your final report to your supervisor for review before submitting the final version for grading.
- Plagiarism is strictly prohibited.

**Deadline: Latest by 24 June 2021 (Week 13)**

### Submission:

- Submit the hardcopy and/or softcopy to Supervisor.
- Upload the softcopy to SPID.