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PENDIDIKAN
MALAYSIA



LOG BOOK

DFT6014 - INTEGRATED PROJECT

INFORMATION & COMMUNICATION TECHNOLOGY DEPARTMENT



**INFORMATION & COMMUNICATION TECHNOLOGY DEPARTMENT
DIPLOMA IN INFORMATION TECHNOLOGY (DIGITAL TECHNOLOGY)**

<input type="checkbox"/>	TRACK NETWORKING SYSTEM
<input type="checkbox"/>	TRACK SOFTWARE AND APPLICATION DEVELOPMENT
<input type="checkbox"/>	TRACK INFORMATION SECURITY

SESSION : JUN 2020

PROJECT INFORMATION	
PROJECT TITLE :	SMART RFID KAMSIS SYSTEM AT PTSS
SUPERVISOR :	ENCIK SABRI BIN SAEP

GROUP INFORMATION			
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1.0 INTRODUCTION

The **INTEGRATED PROJECT** is a mandatory course for a particular program of study that needs to be implemented as fulfilling the qualification requirements of the Diploma of the Ministry of Education (MoE). This course provides students with the opportunity to apply their prior knowledge and skills as well as to demonstrate their ability to realize ideas, creativity, innovation and problem solving towards producing projects that have commercial and competitive value.

INTEGRATED PROJECT implementation covers all teaching and learning processes that are theoretically, practical, scientific writing, monitoring, evaluation and more. Throughout the project implementation, students are guided by supervisors to explore new knowledge and skills. The management and co-ordination of student projects also involves collaborative coordinators, appraisers and Research, Innovation and Commercialization Unit (UPIK). Hence, the objective of producing this manual is to provide a reference and guidance throughout the implementation of the KPT Polytechnic Students Project. In addition, this guidebook also includes examples of documents related to the planning and implementation of student projects.

The **INTEGRATED PROJECT** Log Book is used specifically for writing notes on the activities and work done by student throughout the duration of the project. The Log Book is one of the way in which the department can identify and assess the attitude, initiative, achievement of the students' project. It is one of the requirements for students to complete during the project is carried out either work individually or in a team under supervision of respective supervisors. Therefore, it is important for students to fully utilize the Log Book and submit to a panel of examiner for evaluation.

2.0 GUIDELINES FOR USE OF INTEGRATED PROJECT LOG BOOK

1. The Log Book must be handed in to the supervisor to be graded and verified at least once in every week.
2. Students must bring along their Log Book at every meeting and discussion with their supervisor so that verification can be done after the session.
3. The Log Book must be handed in to the supervisor with the **INTEGRATED PROJECT TECHNICAL REPORT** evaluation and grading.

3.0 MEETING DURATION

The students' attendance will be taken during 1 hour lecture and 4 hours practical in a week.

4.0 INTEGRATED PROJECT LOG BOOK FORMAT

Information to be included in log book of student project implementation activities:

1. Students need to keep track of activities and tasks throughout the week.
2. Students need to elaborate on all plans in the Project Progress Reports column to be in line with the plans set out in the Gantt chart.
3. Students must state the actual achievement or current project status in the space provided.
4. The reflective section needs to be filled by the student by stating the relevant proposal as a step of improving the project.

5. Supervisors should give comments or feedback on every assignment students have done.



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5.0 PROJECT PLANNER

WEEK	SHORT SEM	TASK	ASSESSMENT	MARK	REMARK	
Week 1	Week 1	1.0 PROJECT PROPOSAL. 1.1 Prepare project plan and project design			STUDENT / SUPERVISOR	
Week 2			PROPOSAL PRESENTATION	CLO 1 (10%)	STUDENT / SUPERVISOR / ACCESSOR	
Week 3	Week 2	2.0 PROJECT DEVELOPMENT. 2.1 Plan requirement and design specifications. 2.2 Manage the hardware or software configuration. 2.3 Develop problem specification and design.			STUDENT / SUPERVISOR	
Week 4					STUDENT / SUPERVISOR	
Week 5	Week 3				STUDENT / SUPERVISOR	
Week 6			DEMO #1	CLO 2 (20%)	STUDENT / SUPERVISOR	
Week 7	Week 4				STUDENT / SUPERVISOR	
Week 8					STUDENT / SUPERVISOR	
Week 9	Week 5				STUDENT / SUPERVISOR	
Week 10			DEMO #2	CLO 2 (20%)	STUDENT / SUPERVISOR	
Week 11	Week 6				STUDENT / SUPERVISOR	
Week 12					STUDENT / SUPERVISOR	
Week 13	Week 7				STUDENT / SUPERVISOR	
Week 14			3.0 DELIVERABLES. 3.1 Present deliverables.			STUDENT / SUPERVISOR
Week 15	Week 8		CAPSTONE PROJECT PRESENTATION. <ul style="list-style-type: none">Capstone project presentationCapstone CorrectionRe-Present Capstone ProjectFull Documents and Project Submitted	CAPSTONE PROJECT 1. Technical Report 2. End Product 3. Log Book	CLO 1 (5 %) CLO 2 (45 %) GSA (100%)	STUDENT / SUPERVISOR / ACCESSOR

**This planner can be amendable accordance to polytechnic.*



6.0 PROJECT GANTT CHART

WEEKS	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15
	WEEK 1		WEEK 2		WEEK 3		WEEK 4		WEEK 5		WEEK 6		WEEK 7		WEEK 8
PLANNING															
1.0 PROJECT PROPOSAL. Prepare project plan and project design															
PROPOSAL PRESENTATION															
2.0 PROJECT DEVELOPMENT. 2.1 Plan requirement and design specifications. 2.2 Manage the hardware or software configuration. 2.3 Develop problem specification and design.															
DEMO 1 PRESENTATION															
2.0 PROJECT DEVELOPMENT. (Continue) 2.1 Plan requirement and design specifications. 2.2 Manage the hardware or software configuration. 2.3 Develop problem specification and design.															
DEMO 2 PRESENTATION															
2.0 PROJECT DEVELOPMENT. (Continue) 2.1 Plan requirement and design specifications. 2.2 Manage the hardware or software configuration. 2.3 Develop problem specification and design. 3.0 DELIVERABLES. 3.1 Present deliverables.															
CAPSTONE PROJECT PRESENTATION															
<ul style="list-style-type: none"> Capstone project presentation Project refining Re-Present Capstone Project Full Documents and Project Submission 															

**This Gantt chart can be amendable accordance to polytechnic.*



7.0 TASK SUMMARIES

Verified by :

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(SUPERVISOR NAME)

*** Task summaries are based on allocating project scopes among group members.*

WEEKLY ACTIVITIES REPORT

WEEK : 1

DATE : 12/8/2020 - 14/8/2020

TIME : 2.00 PM - 5.00 PM

Weekly Planning

1. Discuss idea and project planning.
2. Profix proposal.
3. Find Client for requirement.
4. Prepare questionnaire for client.

Weekly Achievement

1. Meet client and client approved.

Supervisor's Comment

Verified by

Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT

WEEK : 2

DATE : 19/8/2020 - 21/8/2020

TIME : 2.00 pm - 5.00 pm

Weekly Planning

1. Discussion about slide presentation.
2. Provide registration form and title scienction for panel.
3. Draft proposal.

Weekly Achievement

1. Presentation complete.
2. Project title approved by panel.
3. Proposal submitted.

Supervisor's Comment

Verified by

Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT

WEEK : 3

DATE : 26/8/2020 - 28/8/2020

TIME : 2.00 pm - 5.00 pm

Weekly Planning

1. Discuss about hardware tools.
2. Calculate the budget for purchase of hardware items.

Weekly Achievement

1. Buy hardware items.

Supervisor's Comment

Verified by

Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT

WEEK : 4

DATE : 2/9/2020 - 4/9/2020

TIME : 2.00 pm - 5 .00 pm

Weekly Planning

1. Discuss about interface system.
2. Notepad++ for web based.

Weekly Achievement

1. Create Entity Relationship Diagram.
2. Create data flow diagram.
3. Create Storyboard.

Supervisor's Comment

Verified by

Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT**WEEK :** 5**DATE :** 9/9/2020 - 11/9/2020**TIME :** 2.00 pm - 5.00 pm**Weekly Planning**

1. Start on the project interface.

Weekly Achievement

1. Create interface for admin page.
2. Setting up and create css for admin mobile view interface.
3. Set up web layout.
4. Design circuit for registration student rfid scanner.
5. Analysis circuit and determine problem why circuit don't work.
6. Create new circuit.

Supervisor's Comment**Verified by**

Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT

WEEK : 6

DATE : 16/9/2020 - 18 /9 /2020

TIME : 2.00 pm - 5.00 pm

Weekly Planning

- 1.Continue create interface admin.
- 2.Draft report demo 1.
3. Discussion about slide Demo 1.

Weekly Achievement

1. Connect web page admin with database.
2. Create CRUD for admin interface.
- 3.Report Demo 1 submitted.
4. Presentation Demo 1 Complete.

Supervisor's Comment

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Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT

WEEK : 7

DATE : 23/9/2020 - 26/9/2020

TIME : 8.00 pm - 5.00 pm

Weekly Planning

1. Discussion about hardware.
2. Check report demo 1.

Weekly Achievement

1. Attend to bengkel pembangunan project akhir pelajar menggunakan arduino.
2. Add testing case in report demo 1.

Supervisor's Comment

Verified by

Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT**WEEK :** 8**DATE :** 7/10/2020 - 9/10/2020**TIME :** 2.00 pm - 5.00 pm**Weekly Planning**

1. Continue Interface admin page.
2. Start on the project hardware .

Weekly Achievement

1. Analysis error and solve error.
2. Remake command for sql in page admin.
3. Use Nodemcu, jumper wire, Rfid Scanner and breadboard to connect each other.

Supervisor's Comment**Verified by**

Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT

WEEK : 9

DATE : 14/10/2020 - 16/10/2020

TIME : 2.00pm - 5.00 pm

Weekly Planning

1. Continue hardware of staff.

Weekly Achievement

1. Use Arduino IDE to rfid scanner send the input to nodemcu .

Supervisor's Comment

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Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT

WEEK : 10

DATE : 21/10/2020 - 23/10/2020

TIME : 2.00 pm - 5.00 pm

Weekly Planning

1. Discus about presentation demo 2.
2. Continue fully report demo 2.

Weekly Achievement

1. Presentation demo 2 complete.
2. Report demo 2 submitted.

Supervisor's Comment

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Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT**WEEK :** 11**DATE :** 28/10/2020 - 30/10/2020**TIME :** 2.00 pm - 5.00 pm**Weekly Planning**

1. Checking the problem interface and hardware.
2. Discuss about objective 3.

Weekly Achievement

1. Continue checking what the problem which we need to correct.
2. Buy pir sensor for objective 3.

Supervisor's Comment**Verified by**

Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT

WEEK : 12

DATE : 4/11/2020 - 6/11/2020

TIME : 2.00 pm - 5.00 pm

Weekly Planning

1. Discuss about prototype for this project.

Weekly Achievement

1. Buy the pine wood for prototype.
2. fix the pine wood to make a door.

Supervisor's Comment

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Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT**WEEK :** 13**DATE :** 11/10/2020 - 13 - 10 /2020**TIME :** 2.00 pm - 5.00 pm**Weekly Planning**

1. Checking the fully report .
2. Prepare to make a video for final presentation.

Weekly Achievement

1. Correct the report for final presentation.
2. Make a video for final presentation.

Supervisor's Comment**Verified by**

Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT

WEEK : 14

DATE : 18/11/2020 - 20/11/2020

TIME : 2.00 pm - 5.00pm

Weekly Planning

1. Submit the video final presentation to panel.
2. Submit report final to panel.
3. Prepare Q&A from panel.

Weekly Achievement

1. Final Presentation Complete.

Supervisor's Comment

Verified by

Supervisor's Signature:

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Date:

WEEKLY ACTIVITIES REPORT

WEEK : 15

DATE : 24/11/2020 - 27/11/2020

TIME : 2.00 pm - 5.00 pm

Weekly Planning

1. Submit Abstract to Panel.
2. Request a signature from the company to approve this project.
3. Send the log book .

Weekly Achievement

1. Mymohes for submit abstract is complete.
2. Company approved this project.
3. Log book is submitted

Supervisor's Comment

Verified by

Supervisor's Signature:

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Date:

NOTES



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