Kod Projek :	BITU 2913

UNIVERSITI TEKNIKAL MALAYSIA MELAKA
FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY

WORKSHOP 1
PROPOSAL FORM
SESI 2020/2021 SEM 1

A	**TITLE OF PROPOSED PROJECT: Bookshop Stock Management System** *Tajuk projek yang dicadangkan :* **Project Domain:** D*omain Projek:* ☑BUSINESS & SERVICES ☐HEALTHCARE ☐TRANSPORTATION ☐ENTERTAINTMENT ☐AUTOMOTIVE ☐AGRICULTURE ☐OTHERS : _____
B	**DETAILS OF STUDENT** / *MAKLUMAT PELAJAR*
B(i)	**Name of Student:.: Siew Chung Seng** *Nama Pelajar:* **Identity card no**: 990417-13-5943 *No. Kad Pengenalan :* Student matric no.: B031910342 ***No. Matrik Pelajar :*** **Programming Technique (BITP 1113) Grade** : Gred Teknik Pengaturcaraan (BITP 1113) : ☑A ☐A- ☐B+ ☐B ☐B- ☐C+ ☐C ☐C- ☐D
B(ii)	**Correspondence Address : 4H,Jalan Ulu Sungai Merah 63K,96000,Sibu,Sarawak** *Alamat Surat Menyurat :*
B(iii)	**Course:** *Kursus:* ☐BITC ☐BITZ ☐BITE ☐BITI ☐BITM ☑BITS ☐BITD
B(iv)	**Home Telephone No.: -** *No. Telefon Rumah:*

	Handphone No.: 010-950-6637 *No. Telefon Bimbit:*
B(v)	**E-mail Address: seng990417@hotmail.co.uk** *Alamat e-mel:*

C	**PROJECT INFORMATION /** *MAKLUMAT PROJEK*

C(i)	**Duration of this project:**
	Tempoh masa projek ini:
	
	        Duration: __14 weeks__
	        Tempoh :
	
	        From : 12/10/2020
	        Dari :
	
	        To : 24/01/2021
	        Hingga :

C(v)	**Executive Summary of Project Proposal (maximum 300 words)** **(Please include the background of project, problem statements, objectives, scope and project significance from the project)** *Ringkasan Cadangan Eksekutif Projek (maksima 300 patah perkataan)* *(Meliputi latar belakang projek, penyataan masalah, objektif dan kepentingan projek)* *In this application named Bookshop Stock Management System, the users are able add book records, show book records, check availability of books and delete books records. This system will also notify the user when the stock is less than certain amount and show the possible profit from the books ordered from the suppliers. Due to heavy demand of books in these competitive worlds, data increase so much. Book shop required up to date information about the books sold or about suppliers from where the books are purchased. The application developed is to reduce mistakes made by the staff and better accessibility to the stock of the book which would lead to a more accurate work. The application provide the staff for an accurate quantities of books and type of books in the stock.*

C(vi)	**Detailed proposal of project:**
	Cadangan maklumat projek secara terperinci:
	
	(a) Project background including Introduction and Problem Statements
	Keterangan latar belakang projek termasuk pengenalan dan penyataan masalah.
	
	    1. Introduction
	
	        A Bookshop Stock Management System is basically for management of incoming and outgoing material from the Bookshop. This application will help the staff to allocate the the records of the books in their stock accurately without any time constraint.
	
	    2. Problem Statements
	
	        Due to heavy demand of books in these competitive world, an uncomputerized system would be hard for the staff to keep track on their stock. This could lead to a mess on their work and lead to loss of trust of the customer. Also, an uncomputerized stocking system will take a long time for the staff to check the stock one by one and the staff may make mistake while doing the work which cause the inaccuracy of the stock.

(b) Objective (s) of the Project
Objektif Projek

This project embarks on the following objectives:

1. *To improve the accuraccy of the stock*
2. *To decrease the work load of the staff*
3. *To reduce paper work, cost and saves time*
4. *To make sure the details of the books are always up to date*

(c) Scope
Skop

1. *This application designed to maintain the data in sequential manner*

2. *The targeted users are the staff of the bookshop*

(d) Project Significance
Kepentingan projek

1. *To make sure the information of the books are always up to date*
2. *To make sure the stock are always accurate*
3. *To make sure the work are accurate and time saving*

(e) Problem Decomposition Description
Diskripsi Pecahan Masalah

1. *Manual system required a lot of paperwork which is time and cost consuming*
2. *Difficult to maintain the information of books in manual system*
3. *Chances of error while doing stock checking*

(f) Stucture Chart

```
                        ┌─────────┐
                        │  Login  │
                        └────┬────┘
                             │
                        ┌────┴────┐
                        │ Display │
                        │  Menu   │
                        └────┬────┘
```

| Modify Book Records | Show Book Records | Check availability of books | Delete Book Records | Show Possible profit from books ordered |

```
                    ┌──────────────┐
                    │Recommendation│
                    │of book order │
                    └──────────────┘
```
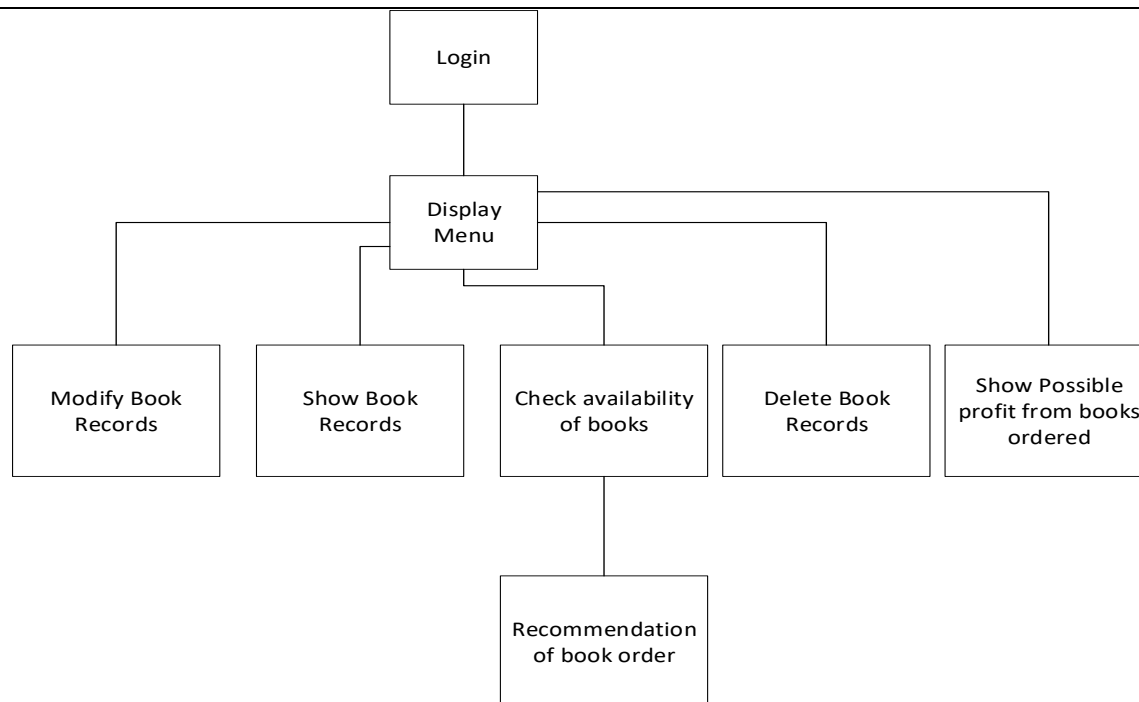
(g) Gantt Chart of Project Activities
Carta Gantt Aktiviti Projeck

TASK	WEEK														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Project Proposal	■	■													
Progress report 1			■	■	■										
Progress report 2						■	■	■	■						
Progress report 3										■	■	■	■		
Project presentation and final report														■	■

D	**REFERENCES**

E	**ACCESS TO EQUIPMENT AND MATERIAL (PLEASE LIST IN DETAIL) /** *KEMUDAHAN SEDIA ADA UNTUK KEGUNAAN BAGI PROJEK INI (SILA SENARAIKAN DENGAN TERPERINCI)*

University *Universiti*	**Other Sources or Places** *Lain-lain tempat/sumber*
Software: **Microsoft Visual C++ 2019, Xampp**	

4

	5

F (i)	**Declaration by student/** *Akuan Pelajar*
	Date : 21/10/2020 **Student's Signature :** *Seng* *Tarikh :* *Tandatangan Pelajar :* _____
F (ii)	**Recommended by the Supervisor** *Perakuan oleh Penyelia*
	Please tick (√) in the appropriate box *Sila tandakan (√) dalam kotak yang berkenaan* **Recommended:** *Diperakukan:* ☐ *A.* **Highly Recommended** *Sangat Disokong* ☐ **B. Recommended** *Disokong* ☐ **C. Not Recommended (Please specify reason)** *Tidak Disokong (Sila Nyatakan Sebab)* **General Comments:** *Ulasan umum:* **Supervisor's Name:** *Nama Penyelia:* **Signature:** *Tandatangan:* **Date:** *Tarikh:*
F(iii)	**Comments/ Feedbacks from the Committee of Workshop 1** *Komen/ Maklumbalas daripada Ahli Jawantankuasa Bengkel 1*