

Project Code :

BITU 2913



UNIVERSITI TEKNIKAL MALAYSIA MELAKA
FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY

WORKSHOP 1
PROPOSAL FORM

[Incomplete form will be rejected]

A	TITLE OF PROPOSED PROJECT: SMART BOOKSHOP MANAGEMENT SYSTEM <i>Tajuk projek yang dicadangkan :</i> Project Domain: <i>Domain Projek:</i> <input checked="" type="checkbox"/> BUSINESS & SERVICES <input type="checkbox"/> HEALTHCARE <input type="checkbox"/> TRANSPORTATION <input type="checkbox"/> COMMUNITY SERVICESS <input type="checkbox"/> AUTOMOTIVE <input type="checkbox"/> AGRICULTURE <input type="checkbox"/> OTHERS : _____
B	DETAILS OF STUDENT / MAKLUMAT PELAJAR
B(i)	Name of Student: NURUL AFIQAH BINTI ROSLI <i>Nama Pelajar:</i> Identity card no.: 010317-10-0472 <i>No. Kad Pengenalan :</i> Student matric no.: B032310083 <i>No. Matrik Pelajar :</i> Programming Technique (BITP 1113) Grade : <i>Gred Teknik Pengaturcaraan (BITP 1113) :</i> <input type="checkbox"/> A <input type="checkbox"/> A- <input type="checkbox"/> B+ <input checked="" type="checkbox"/> B <input type="checkbox"/> B- <input type="checkbox"/> C+ <input type="checkbox"/> C <input type="checkbox"/> C- <input type="checkbox"/> D
B(ii)	Correspondence Address : NO 65, LORONG BUNGA ANGGERIK KAMPUNG KERETAPI 42000 <i>Alamat Surat Menyurat :</i> PELABUHAN KLANG SELANGOR
B(iii)	Course: <i>Kursus:</i> <input type="checkbox"/> BITC <input type="checkbox"/> BITZ <input type="checkbox"/> BITE <input type="checkbox"/> BITI <input checked="" type="checkbox"/> BITM <input type="checkbox"/> BITS <input type="checkbox"/> BITD
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B(v)	E-mail Address: b032310083@student.utem.edu.my <i>Alamat e-mel:</i>
C	PROJECT INFORMATION / MAKLUMAT PROJEK
C(i)	Duration of this project: <i>Tempoh masa projek ini:</i> <p style="margin-left: 40px;"> Duration: <u>15 Weeks</u> <i>Tempoh :</i> </p> <p style="margin-left: 40px;"> From : <u>11 March 2024</u> <i>Dari</i> : </p> <p style="margin-left: 40px;"> To : <u>21 June 2024</u> <i>Hingga</i> : </p>
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) <p><i>Ringkasan Cadangan Eksekutif Projek (maksima 300 patah perkataan)</i> <i>(Meliputi latar belakang projek, pernyataan masalah, objektif dan kepentingan projek)</i></p> <p>Smart Bookshop Management System that will be developed to upgrade the manual system with a more user-friendly computer system for all kinds of operation in the bookshop. In the current system all the activities are done manually. It is very time-consuming and costly. However, nowadays, people are more concerned with quickness when dealing with anything, and want it done in a consistent and straightforward manner. With development of this system, it can help user solve problems. The most typical difficulty to manage Smart Bookshop Management System is that the unrecorded book data and information could be lost in digital database. The use of paper or a manual method also resulted in data loss. The other issue is has no system and currently using direct selling its cause customers cannot buy book due to overcrowding in stores. The main objective in Smart Workshop Management is to gather the requirement of data information regarding bookstore and to maintain information in structured also avoid from data loss. The proposed project is developed that can improve the quality of the system that is being used by admin and members. This Smart Bookshop Management System is a system that can provide a more practical method of managing data. The information will be sent directly to the database.</p>

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

Book Shop Management System is the web application to automate all kinds of operation and task in the book shop. The purpose of this software is to manage the books in the bookshop. In the current system all the activities are done manually. It is very time-consuming and costly. The database needs to be created and inside the database will include the details of the book such as book name, author, price and quantity. This system helps to manage data in an efficient and orderly manner. This is necessary to reduce mistakes and avoid errors and prevent them as much as possible. The proposed project is developed that can improve the quality of the existing system that is being used by employees and members to make it easier for management to gather collect of book information and get more efficient and organized system.

2. Problem Statements

- i. The current records of purchasing book using paper-based (manually)
- ii. Limited system and using direct selling
- iii. Unrecorded book data and information could be lost in digital database

(b) Objective (s) of the Project

Objektif Projek

Example / Contoh:

This project embarks on the following objectives:

1. To identify the requirement Book Shop Management System
2. To develop a Book Shop Management System
3. To test the Book Shop Management System

(c) Scope

Skop

1. Module to be developed :

- a) Login Module
 - This module authenticates the validity of user before using the system. User will have to key in the ID and password and if it matches the ones in the database, it will log them into the system.
- b) Registration module
 - User will be able to register to keep in the database.
- c) Search Module
 - User will be able to search for the book information here such as types, title and others
- d) Add, edit and delete book module
 - New book can be added in the system. Smart Bookshop Management System can also be edited and update. It can be deleted if the information is no longer located in the Smart Bookshop Management System
- e) View purchase
 - User can view the purchase taken at the Smart Bookshop Management System

2. Target User :

a. Admin :

- Login
- Add, update, delete, view books.
- Add employee
- View report sales
- logout

b. Members :

- Register
- Login
- Search book
- Add purchase.
- Update purchase.
- Delete purchase
- View purchase
- Check total purchase.
- Logout

c. Cashier :

- Login
- View the received order
- View bill generation
- View report sales
- Search and view of availability of stocks.
- logout

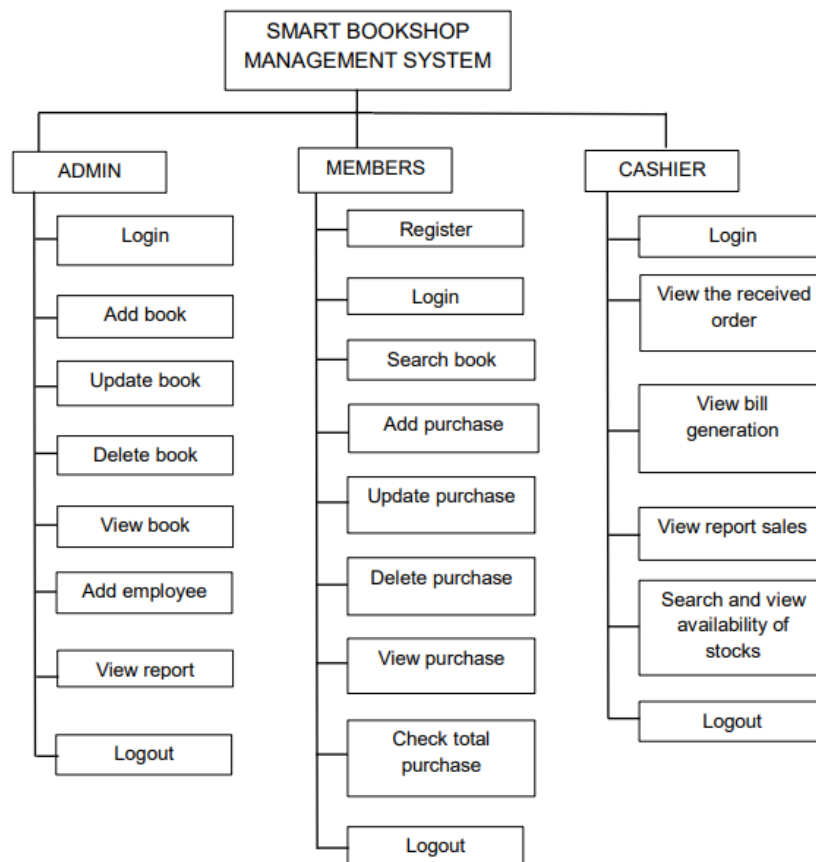
(d) **Problem Decomposition Description**

Deskripsi Penguraian Masalah

- The most common problem with Smart Bookstore Management Systems is that book purchases are recorded manually using paper-based records. Manual methods take time, and if documents are lost or misplaced, it is difficult for staff to find the customer's order book. Use of direct sales are other issues, which cause customers to complain when they cannot buy books due to overcrowding in stores.

(e) **Structured Chart**

Carta Berstruktur



(f) **Project Significance**

Kepentingan projek

1. Creating a system that is systematic and convenient for the bookshop.
2. Providing a more practical method of managing data.
3. Providing a systematic method to handling book purchases.

(g) Gantt Chart of Project Activities
Carta Gantt Aktiviti Projek

ACTIVITIES	WEEK														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Assigning students to supervisors															
Briefing of Workshop 1															
Discussion / verification of title and synopsis. Proposal preparation															
Student submits proposal to supervisor & committee (proposal)															
Discussion with supervisor on analysis of the problem (Analysis and design)															
Project implementation (Progress 1)															
Mid-semester break															
Project implementation (Progress 2)															
Project implementation (Progress 3)															
Final Presentation and Final Project Submission															

D REFERENCES



State your reference

S. I. Koralage (2017). *Web based Bookstore Management System for Wisdom*
<https://dl.ucsc.cmb.ac.lk/jspui/bitstream/123456789/3971/1/0509167.pdf>

Suriantih Binti Suddin (2020). BOOKSTORE MANAGEMENT SYSTEM FOR R.B AHMAD
<https://ir.unimas.my/id/eprint/34657/1/Suriantih%20Binti%20Suddin%20-%202024%20pgs.pdf>

Supervisor – Ts. Dr. Muhammad Haziq Lim Bin Abdullah

E	ACCESS TO EQUIPMENT AND MATERIAL (PLEASE LIST IN DETAIL) / KEMUDAHAN SEDIA ADA UNTUK KEGUNAAN BAGI PROJEK INI (SILA SENARAIKAN DENGAN TERPERINCI)	
	University <i>Universiti</i>	Other Sources or Places <i>Lain-lain tempat/sumber</i>
	Example / Contoh: Software: Microsoft Visual C++, Microsoft Visio, Xampp v3.3.0, PhpMyAdmin, MySQL Database, MySQL Connector, Microsoft Word, Lucid Chart	Hardware: Laptop Asus Processor: Intel(R) Core(TM) i5-10300H CPU @ 2.50GHz 2.50 GHz

F (i)	Declaration by student/ Akuan Pelajar	
	<div> <div>Date : 21 March 2024 Tarikh :</div> <div>Student's Signature :  Tandatangan Pelajar :</div> </div>	
F (ii)	Recommended by the Supervisor/ Perakuan oleh Penyelia	
	<p>Please tick (✓) in the appropriate box Sila tandakan (✓) dalam kotak yang berkenaan</p> <p>Recommended: Diperakukan:</p> <p><input type="checkbox"/> A. Highly Recommended Sangat Disokong</p> <p><input checked="" type="checkbox"/> B. Recommended Disokong</p> <p><input type="checkbox"/> C. Not Recommended (Please specify reason) Tidak Disokong (Sila Nyatakan Sebab)</p> <p>General Comments: Ulasan umum:</p> <p>Supervisor's Name: Nama Penyelia:</p> <p>Signature: Tandatangan: </p> <p>Date: Tarikh: 21/3/2024</p> <p>Ts. DR. MUHAMMAD HAZIQ LIM BIN ABDULLAH Timbalan Dekan (Pembangunan Pelajar) Fakulti Teknologi Maklumat dan Komunikasi Universiti Teknikal Malaysia Melaka (UTeM)</p>	