

UNIVERSITI TEKNOLOGI MARA

**DEVELOPMENT OF ONLINE SHOPPING WEBSITE
APPLICATION FOR UITM SHAH ALAM STUDENTS**

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ABSTRACT

One of the inconvenient things students have to face when continuing their studies is when they try to find the cheap and second-hand class materials for their subjects, such as books, notes, art supplies, etc. There is no specific platform for students to find the used class materials, currently students need to post their request and respond to the request by using social media like Twitter, Facebook, Instagram, WhatsApp and also Telegram. This project shows the development of online shopping system for which the targeted users are from UiTM Shah Alam students. The system is developed using PHP language for the programming part and connected to MySQL to handle the database. Functionality and performance have been tested on the system. The tool used was JMeter. The performance parameters that have been tested on the system were response time and throughput and bandwidth. As for the functionality, the result shows that every button and function such as payment, tracking, adding product to cart, etc worked perfectly fine and the way it supposed to. The system developed now can be used by students to sell and also buy not only class materials but also other products that might help them to generate extra income to support their studies. For future work, the improvement that can be done is adding more secure registration for seller and buyer so safe and trusted transaction can be done on the website. A more user-friendly section for used class material can also be added to the website so that customer can find their desire used class material in a more convenient way.

TABLE OF CONTENTS

ACKNOWLEDGEMENT	i
SUPERVISOR APPROVAL.....	ii
STUDENT DECLARATION.....	iii
ABSTRACT.....	iv
TABLE OF CONTENTS	v
CHAPTER 1 INTRODUCTION	2
1.1 BACKGROUND OF STUDY	2
1.2 PROBLEM STATEMENT	4
1.3 PROJECT AIM AND OBJECTIVE.....	5
1.4 SCOPE OF PROJECT	6
1.5 SIGNIFICANT OF PROJECT.....	7
CHAPTER 2 LITERATURE REVIEW.....	8
2.1 INTRODUCTION.....	8
2.2 HISTORY OF ONLINE SHOPPING WEBSITE.....	8
2.3 OVERVIEW	9
2.4 RELATED TECHNOLOGIES.....	12
2.4.1 WEB SERVER.....	12
2.4.2 DATABASE.....	14
2.4.3 FRAMEWORK.....	15
2.4.4 PROGRAMMING LANGUAGE	16
2.5 PREVIOUS WORKS.....	18
2.5.1 PAPER 1: DESIGN ON PAYMENT SYSTEM	18
2.5.2 PAPER 2: DESIGN & IMPLEMENTATION OF E-COMMERCE SITE ...	19
2.5.3 PAPER 3: DATABASE USING ALGORITHM LP-GROWTH.....	21
2.5.4 PAPER 4: DESIGN AND IMPLEMENTATION BASED ON B/S MODEL	22
2.5.5 PAPER 5: ENHANCE PRIVACY USING MD5 ALGORITHM.....	23
2.6 CONCLUSION	24
CHAPTER 3 METHODOLOGY.....	25
3.1 INTRODUCTION.....	25
3.2 REQUIREMENTS GATHERING.....	26
3.2.1 ANALYSIS	27
3.3 DESIGN.....	28
3.3.1 CONCEPTUAL DIAGRAM.....	28

CHAPTER 1

INTRODUCTION

This chapter provides the background and the rationale for the study. It also gives the details of the problem, which is the lack of online store platform for students, the solutions and also the significance of this project.

1.1 BACKGROUND OF STUDY

Students and part-time job are very common combination in today's world. We can see many students working in supermarket or mini-market as cashiers, restaurants, clothing outlets, barber shops, etc. Not only that, students also have become more advance with doing part-time job online. So, with the large numbers of students doing part time jobs all around the place, it is not surprising to see them everywhere.

Why? Why do students do part-time job? Some of the factors are because of they want to improve their soft skills, to support their financial and future prospects (K. Rasyidi & R. Zam Zam, 2018). There are students who want to improve their soft skills so they are doing part-time job as a practice for their future use. There are also students who are doing it because of they need more money to support their study, their basic necessities, etc. Which I believe this is one of the biggest reasons why most students are getting involve in part-time job. Student have to keep finding ways to gain extra money to support their needs in daily life. Even with PTPTN loan, it is still not enough with the University's fee, class materials, extra needs for assignments, etc (Usahawan, 2018).

Students and IT are also a huge combination. Internet is a huge influence as it serves purpose for billions of users worldwide. Almost all student in this world have access to the internet. As the internet worlds is evolving, student's smartness and creativity in making use of the internet also keep evolving along with it. Consumer insight service Experian Simmons stated that more that 98% college