



اونيورسيتي مليسيا قهغ السلطان عبد الله  
UNIVERSITI MALAYSIA PAHANG  
AL-SULTAN ABDULLAH

FACULTY OF COMPUTING

BCS3153

SOFTWARE EVOLUTION &  
MAINTENANCE

SEMESTER 2 2024/2025

PROJECT

CB23130

MUHAMMAD HARIZ HAIKAL BIN NORISMAN

# Change Implementation

## Types of maintenance chosen

Perfective maintenance is chosen for resolving the issue in manage payment module that involves enhancing the existing prototype to improve its usability, structure and functionality. In Plasticware SME System does not handle an actual transaction which would not allow the user to experience the real transaction when making their payment in the system. The enhancement focuses on refining the user interface to better simulate the payment experience by adding payment gateway API and identify the customer payment changes of status after completing their payment. These changes aim to provide a more comprehensive and intuitive demonstration of how users would interact with the payment system in a real-world scenario.

Next, Plasticware SME System lack of function to calculate total income and sorting method for payment. It is important to keep on track on the amount that had been transfer into the system as it will help the admin to count the total loss or total gain in this system. The objective is to add a new function to calculate all the income that had been order by the customer and add a sorting method by highest to lowest. To achieve this objective, the new method and calculation need to be added and display it in a proper sorting table.

# CHANGE REQUEST FORM

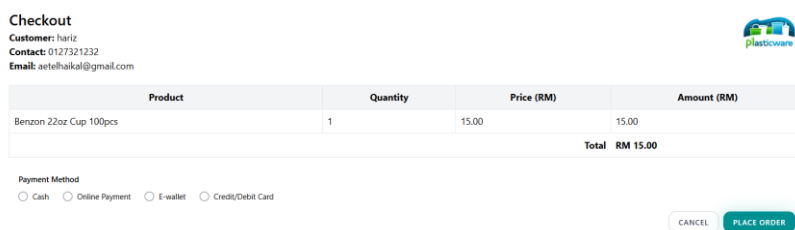
<b>CHANGE STATEMENT</b>	Provide a brief description of the requested change	<b>CHANGE No.</b>	CR003
No actual transaction in 'Manage Payment' module.		<b>REPORT ID</b>	CR-02-01
		<b>DATE</b>	15/5/2025
		<b>LOCATION</b>	University Malaysia Pahang al-Sultan Abdullah
		<b>TIME</b>	12:00PM

<b>REQUESTED BY</b>	<b>TITLE</b>	<b>CONTACT INFORMATION</b>
Muhammad Hariz Haikal Bin Norisman	Junior Programmer	0127427471

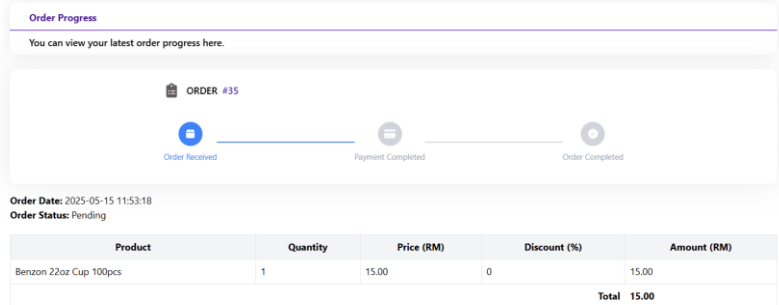
<b>REQUEST PRIORITY</b>	<b>LOW</b>	<b>MEDIUM</b>	<b>HIGH</b>	<b>CHANGE TYPE</b>	<b>MINOR</b>	<b>MAJOR</b>	<b>STANDARD</b>	<b>EMERGENCY</b>
			/				/	

<b>DESCRIPTION OF CHANGE</b>	Provide a detailed description of the problem and circumstances leading to the requested change
The "Mange Payment" module of the Plasticware SME System does not implement a proper payment transaction which only had the prototype in the system where the system can order without making any payment.	

<b>SUPPORTING INFORMATION</b>	Provide screenshots of an error or attach the error in a document / report
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In this figure, it shown several payment method but does not apply all the method after clicking one of those and placing the order.



This is the interface after placing the order which show the user successfully pay but the user actually not paying anything.

<b>REASONS AND JUSTIFICATION</b>	Describe the reason why the change has been requested and the justification for the request	
	<ul style="list-style-type: none"> <li>- No real payment transaction is implemented in the system.</li> <li>- Users can place orders without making any actual payment.</li> <li>- To reduces the value and credibility of the module for stakeholder evaluation.</li> </ul>	
<b>AFFECTED AREAS</b> According to the perception of the requester	System	Plasticware SME System
	Subsystem	Manage Payment Module
	Documentation	

### DECISION

	<b>ACCEPTED</b>			
	<b>REJECTED</b>			
	<b>More Info Requested</b>			

Project Manager Name

Signature

Date

Approver Name & Title

Signature

Date