 اونیورسیتی ملیسیا فهیج السلطان عبد الله UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH	COURSE: SOFTWARE EVOLUTION & MAINTENANCE		15%	
	SESSION: 2024/2025 SEM: II	COURSE CODE: BCS3153		
	ASSESSMENT: ASSIGNMENT			DURATION: 4 WEEKS

INSTRUCTIONS:

1. This is an **INDIVIDUAL** assignment.
2. For submission purposes, the assignment should be converted into pdf format file. Please follow file naming standard (<STUDENT_ID>_ASSIGNMENT)
e.g: CB03031_ ASSIGNMENT
3. The softcopy of this assignment should be submitted on: **21 APRIL 2025, MONDAY**. The submission should be made before **11.59 PM** through **KALAM**.
4. Any plagiarism and late submission will be penalized.

COURSE OUTCOMES:


The Course Outcome (CO) for this assignment assessment is as followed:

- CO1 Differentiate and classify the software evolution and maintenance techniques and issues.
- CO2 Examine technical and managerial problems in software maintenance.

REPORT FORMAT:

1. Introduction
 - Explain the selected website. The explanation should include the importance of the website and justify the importance of the website to maintain and evolve.
2. Content
 - include the table as mentioned in the instruction
 - explain the issue found in the selected case study
 - explain the affected document
 - explain the selected Lehman Laws of Evolution
3. References
 - put the relevant references. Must follow the format of writing reference.

****Please arrange the content of your report for ASSIGNMENT accordingly with a professional look.**

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TASKS:

- You are required to select **TWO (2)** different official website (or web portal) of any school in Malaysia.
 - Put the link of the selected websites (or web portal) in the reference page.
- Analyzed the content of the website by playing around with the functions provided. Then provide the results in a table as the following:

Picture	Explanation	Software Maintenance Activity	Software Maintenance Category

- Identify **FOUR (4)** related examples of issues found in the selected website/ web portal.
 - Explain the issue accordingly.
 - List ALL possible activities can be done to solve the issue.
 - Classify the activity according to the appropriate software maintenance category.
 - Proposed the solution for the identified issues:
 - Identify whether the issue arises from a technical or management aspect.
 - Identify the affected document for the activity involved.
- Critically justify the evolution of the selected website based on the selected **TWO (2)** laws from Lehman Laws of Evolution.
 - Provide your report with at least **FIVE (5)** references. The reference can be from any book, or article in any journals and websites (including the selected website/ web portal).
 - Put the link to the selected websites on the reference page.
 - Please submit your assignment within the time given.

ALL THE BEST!