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Project Task – PR #1

Software Quality Assurance

School of Computing
Universiti Teknologi Malaysia

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Project Timeline & Grading

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graph TD
    T1["1. PR 1 – Test Plan  
Due: 21st April 2022"]
    T2["2. PR 2 – Test Case  
Due: 2nd June 2022"]
    T3["3. PR 3 – Test execution & report  
Due: 16th June 2022"]
    T1 --> T2
    T2 --> T3
  
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CLO4* - TW & Leadership

A test management tool: Testlink will be used for PR2 and PR3. Your lecturer will invite you to the tool.

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Project

PR #1 TEST PLAN


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PR #1: Instruction

- Based on the project that has been approved and the materials that come with it, you need to produce a Test Plan
- A template of a Test Plan is provided to you which must have the following:

IEEE 829 STANDARD TEST PLAN TEMPLATE



Test plan identifier	Test deliverables
Introduction	Test tasks
Test items	Environmental needs
Features to be tested	Responsibilities
Features not to be tested	Staffing and training needs
Approach	Schedule
Item pass/fail criteria	Risks and contingencies
Suspension and resumption criteria	Approvals

- For this PR #1, the following sections are excluded:
 - Staffing and training needs
 - Risks and contingencies
 - Suspension and resumption criteria




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 <h2 style="text-align: center;">Rubric: Test Plan (10%)</h2> <p style="text-align: center;">www.utm.my</p>						
Category	1	2	3	4	Weight	Score
Elaboration on test items, tested & none tested features	Test items, tested and none tested features are unclear plan and described.	Test items, tested and none tested features are limited plan and described.	Test items, tested and none tested features are somehow clearly plan and described.	Test items, tested and none tested features are clearly plan and described.	1	4
Elaboration on Approach	Unclear test approach is plan and described.	Limited test approach is plan and described.	Somehow relevant test approach is clearly plan and described.	Relevant test approach is clearly plan and described.	1	4
Elaboration on Item pass/fail criteria	Unclear pass/fail criteria are plan and described.	Limited pass/fail criteria are plan and described.	Somehow relevant pass/fail criteria are clearly plan and described.	Relevant pass/fail criteria are clearly plan and described.	1	4
Elaboration on Test tasks, deliverables & Schedule	Unclear test tasks, deliverables & schedule are plan, described and linked.	Limited test tasks, deliverables & schedule are plan, described and linked.	Somehow relevant test tasks, deliverables & schedule are clearly plan, described and linked.	Relevant test tasks, deliverables & schedule are clearly plan, described and linked.	1	4
Progress checking	Have prepared at least 10% of the deliverable ready And, Not all members participate and contribute	Have prepared about 11-25% of the deliverable ready And, Not all members participate and contribute	Have prepared about 26-35% of the deliverable ready And, Not all members participate and contribute	Have prepared about 35-50% of the deliverable, And, all members participate and contribute	0.5	2
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 <h2 style="text-align: center;">Progress Checking</h2> <p style="text-align: center;">www.utm.my</p>	
<ul style="list-style-type: none"> • Saturday 16th. April 2022 – 2pm • Via Discord 	
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Rubric: Peer Review on TW (1%)

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- 1% Peer review on Team Working (TW)
- Rate each of your group member on Team Working Value in the scale of 1 to 5


Attribute	Character, C	Level of Applicability	[1]	[2]	[3]	[4]	[5]	Example of Assessment Tasks
			Very Weak	Weak	Fair	Good	Very Good	
Teamwork	Foster good relationship	All levels of study	No clear evidence of ability to foster good relationships and work together effectively with other group members towards goal achievement.	Able to foster relationship and work together with other group members towards goal achievement but with limited effect and require improvements	Able to foster relationship and work together with other group members towards goal achievement with some effect(s) and require minor improvements	Able to foster good relationship and work together with other group members towards goal achievement	High ability to foster good relationship and work together effectively with other group members towards goal achievement	Group Tasks (Presentation, Discussion, Project)
	Alternate roles	All levels of study	No clear evidence of ability to assume alternate roles as a group leader and group members demonstrated in practice	Attempt to demonstrate in practice the ability to alternate roles as a group leader and group members but with limited effect and require improvements	Able to demonstrate in practice the ability to assume alternate roles as a group leader and group members with some effect(s) and require minor improvements	Able to demonstrate in practice the ability to assume alternate roles as a group leader and a group member to achieve the same goal	Show clear evidence to assume alternate roles as a group leader and a group member demonstrated in practice	Group Tasks (Presentation, Discussion, Project)
	Respect and accept opinions	All levels of study	Not able to respect and accept opinion of others that leads to conflicts	Limited respect and acceptance of others' opinions in achieving group's objectives	Able to respect and accept opinion of others in achieving group's objectives	Able to well respect and accept opinion of others in achieving group's objectives	Able to very well respect and accept opinion of others in achieving group's objectives	Group Tasks (Presentation, Discussion, Project)

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Rubric: Peer Review on Leadership (1%)

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- 1% Peer review on Leadership
- Rate your current leader for this task in the scale of 1 to 5

Attribute	Character, C	Level of Applicability	[1]	[2]	[3]	[4]	[5]
			Very Weak	Weak	Fair	Good	Very Good
Leadership	Knowledge and skills in leadership	All levels of study	No clear evidence of knowledge and understanding demonstrated in practice	Able to demonstrate knowledge and understanding in practice but require improvements	Able to demonstrate knowledge and understanding in practice and require minor improvements	Able to demonstrate knowledge and understanding in practice well	Very clear evidence of knowledge and understanding demonstrated in practice
	Effective leadership	All levels of study	No clear evidence of ability to lead self and/or others	Able to lead self and/or others towards goal achievement but with limited effect and require further improvements	Able to lead self and/or others towards goal achievement with some effect and require minor improvements	Able to lead effectively self and/or others towards goal achievement	High ability to lead effectively self and/or others towards goal achievement.

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