CHẤM BÀI (SOLUTION - MARKING SCHEMA)

Course: Software Testing - CO3015 - Semester 222

Table of Contents

Proj#1 – Technical review

	Max point	**Rubric**	
Source file review	8.0	Mistakes discovering: 0.0 - 6.0 *17 files, ~ 12 ``fake'' mistakes*	Fixing suggestion: 0.0 - 2.0
Report	1	Good explaination: 1.0	Bad format: -0.5
Teamwork	1	Good (workload distribution, team meeting, …): 1.0 Fair: 0.5	
	10		

Proj#1 – Technical review Campaign

Quest.	**Max point**	**Rubric**		
Each source file	3 MAX: 10.0	Mistakes 25%: 0.5 Mistakes 50%: 1 Mistakes 75%: 1.5 More: 2	Fixing 25%: 0.25 Fixing 50%: 0.5 Fixing 75%: 0.75 More: 1.0	Excellent suggestion: 0.5
	10			

Proj#2-Pre – Black-box testing (Pre)

Quest.	**Max point**	**Rubric**		
02 Functional reqs.	**1.0**	0.5 each		
01 Non-func. reqs	**0.5**			
Boundary value analysis technique	**2.0**	Fair: 1,0	Good: 1,5	Very good: 2
Equivalence class partitioning technique	**2.0**	Fair: 1,0	Good: 1,5	Very good: 2
Decision table technique	**1.5**	Fair: 1,0	Good: 1,5	
Use-case testing technique	**2.0**	Fair: 1,0	Good: 1,5	Very good: 2
Report	**1.0**			
	10			

Proj#2-Pre – Black-box testing (Pre, short)

Quest.	**Max point**	**Rubric**		
Black-box technique 1	**7.0**	Fair: 3,0	Good: 5,0	Very good: 7,0
Black-box technique – extra	**3.0**	Each extra 1.0		
	10			

Proj#2 – Black-box testing

Quest.	**Max point**	**Rubric**		
PART A	**2.5**			
1. App spec	**0.5**	Functional: 0.25	Non-functional: 0.25	
2. Testing techniques	**2.0**			
2.1. Boundary value analysis technique	**0.5**	Simple: 0.25 Good: 0.5		No expected result: -0.25
2.2. Equivalence class partitioning technique	**0.5**	Simple: 0.25 Good: 0.5		No expected result: -0.25
2.3. Decision table technique	**0.5**	Simple: 0.25 Good: 0.5		No expected result: -0.25
2.4. Use-case testing technique	**0.5**	Activity graph: 0.25	Test-scenarios + test-cases: 0.25	
PART B	**7.0**			
1. App spec	**1.0**	Functional: 0.5	Non-functional: 0.5	
2. Testing techniques	**6.0**			
2.1. Boundary value analysis technique	**1.5**	Try: 0.5 Fair: 1,0 Good: 1,25 Very good: 1.5		No expected result: -0.25
2.2. Equivalence class partitioning technique	**1.5**	Try: 0.5 Fair: 1,0 Good: 1,25 Very good: 1.5		No expected result: -0.25
2.3. Decision table technique	**1.5**	Try: 0.5 Fair: 1,0 Good: 1,25 Very good: 1.5		No expected result: -0.25
2.4. Use-case testing technique	**1.5**	Activity graph: 0.25	Test-scenarios: 0.25	Test-cases: 1.0 (steps + expected)
EXTRA				
Report	**0.5**			
Missing functional OR simple functional	**-1.0**	Each missing: -0.25	Each simple: -0.25	
	10			

Proj#3 – Web automation testing

Quest.	Max point	Rubric		
1.1 **Re-test Proj#2**	**6**	Try: 3	Fair: 4	Good: 5 Very good: 6
1.2 **Data-driven testing**	**3**	Try: 1	Fair: 2	Good: 3
2 **Report**	**1**	Simple: 0.5	Good: 1	
Bonus – Level 2	**+1**			
	10			

Midterm Exam

Quest.	Max point	Rubric		
Part 1	4.0			
Part 2 – writing				
1- Basic path	2.5	CFG: 0.5 V = E-N+2 Correct: 0.25	1 paths: 0.5 2-3 paths: 0.75 Almost all paths: 1.0 all paths: 1.25	Test-case for the longest path: 0.5
2- MCC/MCDC	2.25	Truth table: 1.0 Impossible rules: 0.25	Test-cases: 0.5	Both MCC + MCDC: 0.5
3- du-/dc-path	1.25	def. and used: 0.25	du-paths: 0.5	dc-path: 0.5
	10			

Final Exam

Quest.	Max point	Rubric				
1	1.0	Multiple choice question				
2	5.0	Boundary: 2.0 - boundary analysis: 1 - method and value selection: 0.5 - test cases: 0.5	Equivalence: 1.5 - classes: 0.5 - method and value selection: 0.5 - test cases: 0.5	output: 1.5 - analysis: 1.0 - test-cases: 0.5	mistakes: -0.25 ~ -0.5	
3	4.0	Activity diagram: 0.5	Test scenarios (paths): 1.0	Test-cases: 1.5 + Expected results: 0.5	Decision coverage: 0.5	Mistake: -0.25 ~ -0.75
	10					