CHẤM BÀI (SOLUTION - MARKING SCHEMA)

Course: Software Testing - CO3015 - Semester 211

Table of Contents

Proj#1 – Technical review

Quest.	Max point	Rubric		
Code 1	3	Mistakes 1-2: 1.0 3-4: 1.25 More: 1.5	Fixed 1: 0.5 Fixed 2: 0.75 All: 1.0	Good fix: 0.5
Code 2	4	Mistakes 1-2: 1.0 3-4: 1.5 More: 2	Fixed 1: 0.5 Fixed 2: 1 All: 1.5	Good fix: 0.5
Code 3	3	Mistakes 1-2: 1.0 3-4: 1.25 More: 1.5	Fixed 1: 0.5 Fixed 2: 0.75 All: 1.0	Good fix: 0.5
	10			

Proj#1 – Technical review Campaign

Quest.	Max point	Rubric		
BTree	2	Mistakes a few: 0.5 More: 1.0	Fixed: 0.5 Good fix: 1	
GPA-Calculator.Controller	1	Mistakes a few: 0.25 More: 0.5	Fixed: 0.25 Good fix: 0.5	
GPA-Calculator.Driver	1	Mistakes a few: 0.25 More: 0.5	Fixed: 0.25 Good fix: 0.5	
GPA-Calculator.Model	1	Mistakes a few: 0.25 More: 0.5	Fixed: 0.25 Good fix: 0.5	
HotelManSys	2	Mistakes a few: 0.5 More: 1.0	Fixed: 0.5 Good fix: 1	
UserDAO	1	Mistakes a few: 0.25 More: 0.5	Fixed: 0.25 Good fix: 0.5	
Submission	**2**	Video: 1	Result: 1	
Bonus	**+1**			
	10			

Proj#2 – Black-box testing

Quest.	Max point	Rubric		
1. App spec	**1**	Functional: 0.5	Non-functional: 0.5	
2. Testing techniques	**5.5**			
2.1. Boundary value analysis technique	1	Simple: 0.5 All: 1		No expected result: -0.5
2.2. Equivalence class partitioning technique	1	Simple: 0.5 All: 1		No expected result: -0.5
2.3. Decision table technique	1	Simple: 0.5 All: 1		No expected result: -0.5
2.4. Use-case testing technique	1.5	Activity graph: 0.25	Test-scenarios: 0.25	Test-cases: 1
3. Test cases & results	**3.5**	Data: 0.5 Expected result: 0.5	A few test-cases: 1 Many test-cases: 1.5	A few result: 0.5 All: 1.0
4. Non-functional	**1**	Non-func: 0.5	Test result: 0.5	
Well document	**+1**			
No xls file	**-1**			
Missing functional OR simple functional	**-2**	Each missing: -0.5	Each simple: -0.25	
	10			

Proj#3 – Web automation testing

Quest.	Max point	Rubric		
1 **Choose tool**	**1**	Just very short description: 0.5	Advanced: 1	
2.1 **Re-test Proj#2**	**4**	Some test-cases: 1 More: 2 All: 3	Non-functional:1	
2.2 **Data-driven testing**	**4**	Data-def some: 1 All: 2	Script some: 1 All: 2	
3 **Report**	**1**	Simple: 0.5	Good: 1	
Bonus	**+1**			
	10			

Midterm Exam

Quest.	Max point	Rubric				
Part 1	4					
Part 2 – writing						
1	2	CFG: 0.5	V = E-N+2 = 6: 0.5	1-2 paths: 0.25 3-4 paths: 0.5 5 paths: 0.75 6 paths: 1.0		
2	2	Conditions as A,B,C and dependency: 0.25	Truth table: 0.75	Impossible: 0.25	Test-cases: 0.25-0.5	MCDC: 0.25-0.5
3	1	def. and used: 0.25	du-paths: 0.5	dc-path: 0.25		
4	1	CFG: 0.25	Re-write: 0.5	Paths: 0.25		
	10					

Final Exam

Quest.	Max point	Rubric				
1	2.5	CFG+V: 0.5	Paths: 1.0	Data: 0.5	Expected result: 0.5	
2	4.0	Boundary: 2.0 - boundary: 0.5 - selection: 0.5 - test cases: 1.0 - mistake: -0.25	Equivalence: 2.0 - classes: 0.5 - selection: 0.5 - test cases: 1.0 - mistake: -0.25			
3	3.5	Activity diagram: 0.5	Test scenarios: 1.0	Test-cases: 1.5	Expected result: 0.5	Mistake: -0.25 ~ -0.5
	10					