

## INFO8231 Assignment 3 - Domain Class Diagram, State Machine Diagram

Note: The max. mark is 100%. If there are things that you should not do or have done incorrectly, a penalty is applied.

Item #	Problem	Points	Penalty
	Missing or incorrect file name A3_ITCPA_TeamYY.VPP	10	
	<b>Task 1: Class Attribute Table</b>		
	Task 1A: ITCPA Student Team Management Subsystem (STMS)		
	Missing or incorrect template in ITCPA_TeamYY.docx	5	
C1	Missing or incorrect classes (must have a valid source/reference)	3	
C2	Missing or incorrect attributes (must have a valid source/reference)	1	
C3	Missing or incorrect identifiers, as appropriate	1	
	Task 1B: ITCPA Capstone Project Matching Subsystem (CPMS)		
	Missing or incorrect template in ITCPA_TeamYY.docx	5	
C1	Missing or incorrect classes (must have a valid source/reference)	3	
C2	Missing or incorrect attributes (must have a valid source/reference)	1	
C3	Missing or incorrect identifiers, as appropriate	1	
	<b>Task 2: Domain Class Diagram (DCD)</b>		
	Missing or incorrect UML diagram in ITCPA_TeamYY.docx	20	
D1	Missing or incorrect diagram title in the docx	1	
D2	Missing or incorrect domain classes, attributes and identifiers	6	
D3	Missing or incorrect associations and multiplicities	6	
D4	Extra FK attributes to represent associations	2	
D5	Missing or incorrect class hierarchy with abstract class	3	
D6	Missing or incorrect aggregation(s)	2	
	<b>Task 3: StudentTeamProjectApplication Object Life Cycle</b>		
	Task 3A: State Table		
	Missing or incorrect template or diagram in ITCPA_TeamYY.docx	5	
T1	Missing or incorrect states (must have a valid source/reference)	3	
T2	Missing or incorrect transition causing exit	1	
T3	Missing or incorrect state IDs	1	
	Task 3B: State Machine Diagram		
	Missing or incorrect UML diagram in ITCPA_TeamYY.docx	15	
S1	Missing or incorrect diagram title in the docx	1	
S2	Missing or incorrect diagram conventions (start & final nodes, etc.)	2	
S3	Missing or incorrect states (must match with state table)	5	
S4	Missing transitions, improperly labeled transitions	5	
S5	Missing or incorrect guard condition / decision node, as required	1	
S6	Missing or inconsistent State ID	1	

**Total team mark deductions**

0

**Total team mark**

**50**

**50**