



IT460 Unit 4 Assignment Rubric

Course: IT460 Systems Analysis and Design

Criterion 1	Level III Max Points 12 points	Level II Max Points 10 points	Level I Max Points 5 points	Not Present 0 points	Criterion Score
Criterion 1: Use Case Diagram	Meets all of the following criteria: - Includes a system boundary labeled EventHub System - Includes three actors: Student, Event Organizer, Administrator - Includes four to six use cases representing major system functions - Includes at least one includes or extends relationship - Uses correct UML notation for actors, use cases, and associations	Meets most of the following criteria: - Includes a system boundary labeled EventHub System - Includes three actors: Student, Event Organizer, Administrator - Includes four to six use cases representing major system functions - Includes at least one includes or extends relationship - Uses correct UML notation for actors, use cases, and associations	Meets less than half of the following criteria: - Includes a system boundary labeled EventHub System - Includes three actors: Student, Event Organizer, Administrator - Includes four to six use cases representing major system functions - Includes at least one includes or extends relationship - Uses correct UML notation for actors, use cases, and associations	Does not meet any criteria.	/ 12

Criterion 2	Level III Max Points 15 points	Level II Max Points 12 points	Level I Max Points 7 points	Not Present 0 points	Criterion Score
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Criterion 2	Level III Max Points 15 points	Level II Max Points 12 points	Level I Max Points 7 points	Not Present 0 points	Criterion Score
Criterion 2: Class Diagram	Meets all of the following criteria: - Includes four to six classes appropriate to EventHub - Includes attributes for each class - Includes at least one derived attribute marked with a slash, for example /availableSeats - Includes at least two methods across the classes - Includes correct UML relationships with multiplicity - Includes at least one example of generalization or aggregation - Uses correct UML class diagram notation overall	Meets most of the following criteria: - Includes four to six classes appropriate to EventHub - Includes attributes for each class - Includes at least one derived attribute marked with a slash, for example /availableSeats - Includes at least two methods across the classes - Includes correct UML relationships with multiplicity - Includes at least one example of generalization or aggregation - Uses correct UML class diagram notation overall	Meets less than half of the following criteria: - Includes four to six classes appropriate to EventHub - Includes attributes for each class - Includes at least one derived attribute marked with a slash, for example /availableSeats - Includes at least two methods across the classes - Includes correct UML relationships with multiplicity - Includes at least one example of generalization or aggregation - Uses correct UML class diagram notation overall	Does not meet any criteria.	/ 15

Criterion 3	Level III Max Points 10 points	Level II Max Points 8 points	Level I Max Points 6.25 points	Not Present 0 points	Criterion Score

Criterion 3	Level III Max Points 10 points	Level II Max Points 8 points	Level I Max Points 6.25 points	Not Present 0 points	Criterion Score
Criterion 3: Minimal Sequence Diagram	Meets all criteria: • Uses exactly three participants, arranged left to right: Student, EventHub UI, Event • Includes Student to UI: requestEventDetails(eventID) • Includes UI to Event: getEventInfo(eventID) • Includes Event to UI: eventInfo return and UI to Student: displayEventDetails return, dashed return arrows recommended	Meets most criteria: • Uses exactly three participants, arranged left to right: Student, EventHub UI, Event • Includes Student to UI: requestEventDetails(eventID) • Includes UI to Event: getEventInfo(eventID) • Includes Event to UI: eventInfo return and UI to Student: displayEventDetails return, dashed return arrows recommended	Meets less than half of the following criteria: • Uses exactly three participants, arranged left to right: Student, EventHub UI, Event • Includes Student to UI: requestEventDetails(eventID) • Includes UI to Event: getEventInfo(eventID) • Includes Event to UI: eventInfo return and UI to Student: displayEventDetails return, dashed return arrows recommended	Does not meet any criteria.	/ 10

Criterion 4	Level III Max Points 8 points	Level II Max Points 6 points	Level I Max Points 5 points	Not Present 0 points	Criterion Score
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Criterion 4	Level III Max Points 8 points	Level II Max Points 6 points	Level I Max Points 5 points	Not Present 0 points	Criterion Score
Criterion 4: Reflection on Object Oriented Concepts	Meets all of the following criteria: - Paragraph is 5 to 7 sentences - Explains how the diagrams illustrate encapsulation or hiding internal details - Explains the difference between static structure and dynamic interaction - Explains how the diagrams demonstrate at least one OO concept such as inheritance, aggregation, or message passing	Meets two of the following criteria: - Paragraph is 5 to 7 sentences - Explains how the diagrams illustrate encapsulation or hiding internal details - Explains the difference between static structure and dynamic interaction - Explains how the diagrams demonstrate at least one OO concept such as inheritance, aggregation, or message passing	Meets one of the following criteria: - Paragraph is 5 to 7 sentences - Explains how the diagrams illustrate encapsulation or hiding internal details - Explains the difference between static structure and dynamic interaction - Explains how the diagrams demonstrate at least one OO concept such as inheritance, aggregation, or message passing	Does not meet any criteria.	/ 8
Criterion 5	Level III Max Points 5 points	Level II Max Points 4.25 points	Level I Max Points 3 points	Not Present 0 points	Criterion Score

Criterion 5	Level III Max Points 5 points	Level II Max Points 4.25 points	Level I Max Points 3 points	Not Present 0 points	Criterion Score
Criterion 5: Writing/Presentation/Submission	Meets all criteria: - Document is clearly organized, professionally formatted, and proofread with minimal spelling or grammar errors - All required components are included together in one Word document - All required documents are packaged per submission instructions, including embedding the Visio content as directed and using the required file naming convention	Meets two criteria: - Document is clearly organized, professionally formatted, and proofread with minimal spelling or grammar errors - All required components are included together in one Word document - All required documents are packaged per submission instructions, including embedding the Visio content as directed and using the required file naming convention	Meets one criterion: - Document is clearly organized, professionally formatted, and proofread with minimal spelling or grammar errors - All required components are included together in one Word document - All required documents are packaged per submission instructions, including embedding the Visio content as directed and using the required file naming convention	Does not meet any criteria.	/ 5

Total

/ 50

Overall Score

Level III Max Points
40.26 points minimum

Level II Max Points
26.26 points minimum

Level I Max Points
1 point minimum

Not Present
0 points minimum