INFOST 340 – Systems Analysis

Semester: Fall 2017 Instructor: Kevin Trainor Assignment: Activity Diagram

Course Component: Skills Practice

Grading Rubric

Base Point Allocation

Base Points (23 available points)

Requirements

Assignment submitted on-time or within the allowable late period.

Percent Credit	Description
100	Meets all expectations.
0	Not submitted or submitted too late.

Submission

Timeliness (16 available points)

Requirements

Must be submitted by date and time indicated in the weekly schedule.

Percent Credit	Description
100	On Time
0	Late
0	Not submitted or submitted too late

File Submitted (10 available points)

Requirements

Only 1 file should be submitted.

File submitted must meet all requirements included in assignment instructions.

The file submitted must have a properly formed file name.

When file submitted is a .ZIP file, files contained within the zip must have the expected directory structure, file types, file formats, metadata, directory names, and file names.

Percent Credit	Description
100	Meets all expectations.
50	Meets nearly all expectations.
0	Does not meet expectations.
0	Not submitted or submitted too late.

Activity Diagram

Completeness (25 available content points)

Requirements

Diagram must describe the intended use case scenario (and not some other scenario).

Diagram must include all activities that are part of the scenario as described in the use case specification.

Diagram must NOT include any activities that are NOT part of the scenario as described in the use case specification.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Technique (26 available content points)

Requirements

Diagram must correspond to a scenario identified in the Key Scenarios section of the use case specification.

The logic flow of the activity diagram must match the logic flow presented in the use case specification narratives.

Swim lanes should be provided for System and for each actor that participates in the scenario.

Swim lanes should be provided ONLY for System and for each actor that participates in the scenario.

The name System and Actor names should be capitalized.

The text inside of each activity box need not name the actor or System explicitly since that information is implied by the swim lane.

When decisions symbols are included, each path exiting the decision symbol must have a guard condition.

Guard conditions must appear in square brackets.

When alternative flow paths are created by a decision symbol, flow must be reunited later in the diagram with a merge symbol.

When parallel paths are created by a fork symbol, the parallel paths must subsequently meet at a join symbol.

Each diagram should have only one start symbol and one stop symbol.

Each activity symbol on the diagram must be part of a path that connects continuously from the start symbol to the stop symbol. Isolated activity symbols are not allowed on the diagram.

Flow arrows may not be used to represent activities even if they are labeled with names that sound like activity names.

Activity symbols may not be used to represent decisions even if they contain text that indicates a decision is being made.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Total Available Points = 100

Please Note: This grading rubric allows for adjustments to be made to your content point score. The total number of content points available to be awarded on this assignment is 51. An adjustment of up to 36 content points may be made for submissions that have a low content point score and yet meet the following criteria: Assignment must be submitted on time. Work submitted must show good faith effort on ALL parts of the assignment.