**Computer Science 302**  
Assignment 3: Maintaining a Systems Development Project

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| **Category** | **Unacceptable (0-1)** | **Needs Improvement (2-3)** | **Good (4)** | **Excellent (5)** | **Total Possible Points** |
| Types of Maintenance (x1) | Does not produce a viable discussion for the multiple types of maintenance activities | Provides a limited analysis of the types of maintenance activities; topics covered briefly | Produces an adequate discussion of the types of maintenance activities | Your Assignment: Produces a comprehensive analysis of the types of maintenance activities; includes examples | 5/5 |
| Maintenance Activities (x1) | Does not produce a viable discussion of maintenance activities | Provides a limited analysis of specific maintenance activities; topics covered briefly | Produces an adequate discussion of the specific maintenance activities | Your Assignment: Produces a comprehensive analysis of the specific maintenance activities; includes examples | 5/5 |
| Knowledge Retention (x1) | Discussion of knowledge retention is very limited or non-existent. | Very limited analysis of knowledge retention policies/procedures | Adequately analyzes the knowledge retention policies and procedures | Your Assignment: Comprehensive analysis of knowledge retention policies and procedures | 5/5 |
| Forward-Looking Activities (x2) | Identifies and analyzes few, if any, forward looking activities in the maintenance phase | Identifies and analyzes only 1 activity in the maintenance phase | Identifies and analyzes 2 of the forward-looking activities with adequate discussion | Your Assignment: Comprehensive analysis of the two forward-looking maintenance activities | 10/10 |
| Clarity, Structure & Organization (x1) | Disorganized and unclear structure. Language is difficult to understand. Contains grammar, spelling, and punctuation errors. | Acknowledges the main points, but lacks a cohesive structure. Contains some unclear language and typos. | Your Assignment: Addresses the mains points in a cohesive structure. Language is understandable, clear, and correct. | Main points are very clear and concise Organization is logical; transitions between points are smooth and enhance clarity and delivery of main ideas | 4/5 |

Total Points: 29/30

Grader Notes:

* Types of Maintenance: You thoroughly discussed multiple types of maintenance, including corrective maintenance, adaptive maintenance, perfective maintenance, and preventive maintenance. You also provided examples for each type of maintenance.
* Maintenance Activities: You briefly explained maintenance activities, including problem identification, analysis, design, testing, and implementation.
* Knowledge Retention: You provided an analysis of knowledge retention policies and procedures.
* Forward-Looking Activities: You discussed two forward-looking activities. They are really important activities during the maintenance phase.
* Clarity, Structure & Organization: Your paper is logically organized. The main ideas are easily identifiable. However, it contains several instances of incorrect punctuation, spelling, and usage of standard English grammar. (-1)

* You should write your paper in the form of a proposal or other professional document.