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| **Points: 100** | **Assignment 1: Scrum vs. Plan-Based Development Strategies** | | | | |
| **Criteria** | **Unacceptable**  **Below 60% F** | **Meets Minimum Expectations**  **60-69% D** | **Fair**  **70-79% C** | **Proficient**  **80-89% B** | **Exemplary**  **90-100% A** |
| 1. Describe your approach in managing this project through both a Scrum-based approach and a plan-based software engineering approach.  Weight: 20% | Did not submit or incompletely described your approach in managing this project through both a Scrum- based approach and a plan-based software engineering approach. | Insufficiently described your approach in managing this project through both a Scrum- based approach and a plan-based software engineering approach. | Partially described your approach in managing this project through both a Scrum- based approach and a plan-based software engineering approach. | Satisfactorily described your approach in managing this project through both a Scrum- based approach and a plan-based software engineering approach. | Thoroughly described your approach in managing this project through both a Scrum- based approach and a plan-based software engineering approach. |
| 2. Identify how to address the most challenging aspects of this software development project under both approaches and describe how to address such challenges to ensure a successful outcome. Weight: 15% | Did not submit or incompletely identified how to address the most challenging aspects of this software development project under both approaches; did not submit or incompletely described how to address such challenges to ensure a successful outcome. | Insufficiently identified how to address the most challenging aspects of this software development project under both approaches; insufficiently described how to address such challenges to ensure a successful outcome. | Partially identified how to address the most challenging aspects of this software development project under both approaches; partially described how to address such challenges to ensure a successful outcome. | Satisfactorily identified how to address the most challenging aspects of this software development project under both approaches; satisfactorily described how to address such challenges to ensure a successful outcome. | Thoroughly identified how to address the most challenging aspects of this software development project under both approaches; thoroughly described how to address such challenges to ensure a successful outcome. |
| 3. Develop a visual rendering of each approach using Microsoft Visio or its open source alternative, Dia.  Weight: 15% | Did not submit or incompletely developed a visual rendering of each approach using Microsoft Visio or its open source alternative, Dia. | Insufficiently developed a visual rendering of each approach using Microsoft Visio or its open source alternative, Dia. | Partially developed a visual rendering of each approach using Microsoft Visio or its open source alternative, Dia. | Satisfactorily developed a visual rendering of each approach using Microsoft Visio or its open source alternative, Dia. | Thoroughly developed a visual rendering of each approach using Microsoft Visio or its open source alternative, Dia. |
| 4a. Evaluate the effectiveness of a Scrum approach compared to a plan-based approach based on planning the allocation of people to projects.  Weight: 10% | Did not submit or incompletely evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on planning the allocation of people to projects. | Insufficiently evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on planning the allocation of people to projects. | Partially evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on planning the allocation of people to projects. | Satisfactorily evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on planning the allocation of people to projects. | Thoroughly evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on planning the allocation of people to projects. |
| 4b. Evaluate the effectiveness of a Scrum approach compared to a plan-based approach based on estimating the cost of projects.  Weight: 10% | Did not submit or incompletely evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on estimating the cost of projects. | Insufficiently evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on estimating the cost of projects. | Partially evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on estimating the cost of projects. | Satisfactorily evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on estimating the cost of projects. | Thoroughly evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on estimating the cost of projects. |
| 4c. Evaluate the effectiveness of a Scrum approach compared to a plan-based approach based on maintaining team cohesion.  Weight: 10% | Did not submit or incompletely evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on maintaining team cohesion. | Insufficiently evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on maintaining team cohesion. | Partially evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on maintaining team cohesion. | Satisfactorily evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on maintaining team cohesion. | Thoroughly evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on maintaining team cohesion. |
| 4d. Evaluate the effectiveness of a Scrum approach compared to a plan-based approach based on managing changes in project team membership.  Weight: 10% | Did not submit or incompletely evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on managing changes in project team membership. | Insufficiently evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on managing changes in project team membership. | Partially evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on managing changes in project team membership. | Satisfactorily evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on managing changes in project team membership. | Thoroughly evaluated the effectiveness of a Scrum approach compared to a plan-based approach based on managing changes in project team membership. |
| 5. Clarity, writing mechanics, and formatting requirements  Weight: 10% | More than 8 errors present | 7-8 errors present | 5-6 errors present | 3-4 errors present | 0-2 errors present |