Assignment 1 – Points = 100

Outcomes addressed in this Activity:

Unit Outcomes:
- Assess IT project theory and practice.
- Assess the development of a project proposal.

Course outcomes practiced in this Assignment:

IT599-1: Evaluate the theory, principles, and practices of information systems.

IT599-4: Apply appropriate technologies in the analysis and design of information systems.

Assignment Instructions:

Part 1: IT Project Theory/Practice Paper

Write a 2–3-page paper (excluding title, abstract, and references) describing the concepts of the information systems development life cycle (SDLC) and how the project management life cycle can be effectively leveraged to deliver IT projects meeting time, cost, and schedule. Integrate and synthesize concepts from the Readings, or other credible sources researched throughout the paper, as appropriate. Identify how these concepts have been applied, or may apply, within a specific project — either through personal experience or as researched. For optimal scoring, please ensure that at least two sources are included and correctly cited. Use APA formatting and include a list of references used.

A suggested outline for this Assignment is:

- Title page
- IT SDLC Overview
- PM life-cycle overview
- Synthesis of IT SDLC and PM life-cycle
- Real-life IT project application
- Conclusion
- References

Part 2: IT Project Proposal

Prepare an IT-related project proposal for approval by your instructor. The submitted proposal should reflect one of the IT-related specializations and/or your area of interest

and be of sufficient scope to achieve the requirements as stated in the Capstone Project document found in DocSharing (IT599_CapstoneProject_Specifications).

Included in the proposal should be a statement of purpose or need, an overview of the proposed project, key milestones, a high-level budgetary estimate, benefits, return-on-investment (ROI) calculation, and key stakeholders.

Note that the proposal may reflect a real project, as assigned within your place of employment or elsewhere (non-profit organization), a textbook-based case study, a scholarly journal case study, industry journal case study, or a hypothetical project, at the student's discretion.

Review the grading rubric below before beginning this Activity.

Assignment 1 grading rubric = 100 points

Assignment Requirements	Maximum points possible for satisfactory completion of task	Points earned by student
Part 1: IT Project Theory / Practice APA Paper		
1. Correctly and adequately described phases of the information SDLC.	0–10 points	
2. Correctly and adequately described the project management life cycle.	0–10 points	
3. Synthesis of the IT SDLC and the PM life cycle.	0–10 points	
4. Described a real-life IT project applying both the SDLC and the PM life cycle.	0–10 points	
5. Two to three page paper (excluding title, abstract and references) using at least two cited credible resources.	0–10 points	
Part 2: IT Project Proposal		
6. Described the project purpose or need.	0–10 points	
7. Provided an overview of the project.	0–10 points	
8. Described key deliverables/milestones.	0–10 points	
9. Created a high level budgetary estimate.	0–5 points	

10. Described all project benefits.	0–5 points	
11. Described the return on investment and/or provided a return on investment calculation.	0–5 points	
12. Described key stakeholders and what role you will be taking (IT Project Manager or IT Specialist).	0–5 points	
Total (Sum of all points)	0–100	
Less points deducted for spelling, grammar, and APA errors. Plagiarism is totally unacceptable.		
Adjusted Total Points		