**Assignment 1**

Assignment Grading Rubric Project Option

**Course: IT599 Unit: 1 Points: 100**

**Outcomes addressed in this Assignment: Unit Outcomes:**

* •  Identify a viable project or thesis topic.
* •  Formulate a project proposal or draft a research question/hypothesis.

**Course Outcome:
IT599-2:** Systems Analysis and Design: Develop efficient, effective, and secure systems solutions.

**Note:** In this class, you will exercise either a project option or a thesis option. You will work on this option for the entire class and complete part of it each week.

**Project Option**

**Purpose**

You are now in your final class, the Capstone course, and you have decided upon the “Project” option. You have taken a lot of courses as a part of your program. Part 1 of this Assignment is to help you recall and familiarize yourself with the System Development Life Cycle (SDLC) and the Project Management Life Cycle (PMLC) as they both are necessary to complete a project successfully.

Part 2 of your Assignment is the Project Proposal. This is the time to really think about your future and determine what kind of IT project you would like to concentrate on to demonstrate the skills and knowledge you have attained from your program. Do you want to manage projects? If so, consider taking the role of an IT Project Manager in this course. However, if you are more of hands-on person, consider the IT Specialist role or consider both roles. But, keep in mind regardless of the role you pick, you will still need to plan out your project. Project planning and time management are important skills for all IT professionals to have. Consider a project that would interest you or help you in your future endeavors. If you need some help, please do not forgot to talk it over with your instructor.

**Assignment Instructions
There are two parts to this Assignment and they are noted below. 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 a project’s meeting time, cost, and schedule. Integrate and synthesize concepts from the Reading, 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.

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**

**Unit: 1**

**Points: 100**

Assignment Grading Rubric Project Option

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 IT599\_Project\_Option\_Specifications document found in Doc Sharing.

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, high-level risks, 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 your discretion.

**Directions for Submitting Your Assignment**

Compose your Assignment in a Microsoft® Word® document and save it as Username-IT599 Assignment- Unit#.doc (Example: **TAllen- IT599 Assignment-Unit1.doc**). Submit your file by selecting the Unit 1: Assignment Dropbox by the end of Unit 1.

**Assignment 1 grading rubric = 100 points**

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| **Project Option: Assignment Requirements**  | **Points Possible**  | **Points Earned**  |
| **Part 1: IT Project Theory/Practice APA Paper**  |  |  |
| 1. Correctly and adequately described phases of the information SDLC.  | **0–10**  |  |
| 2. Correctly and adequately described the project management life cycle.  | **0–10**  |  |
| 3. Synthesis of the IT SDLC and the PM life cycle.  | **0–10**  |  |

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| 4. Described a real-life IT project applying both the SDLC and the PM life cycle.  | **0–10**  |  |
| 5. Two to three page paper (excluding title, abstract and references) using at least two cited credible resources.  | **0–10**  |  |
| **Part 2: IT Project Proposal**  |  |  |
| 6. Described the project purpose or need.  | **0–10**  |  |
| 7. Provided an overview of the project.  | **0–10**  |  |
| 8. Described key deliverables/milestones.  | **0–10**  |  |
| 9. Created a high level budgetary estimate.  | **0–5**  |  |
| 10. Described all project benefits.  | **0–5**  |  |
| 11. Described the high level risks associated with the project.  | **0–5**  |  |
| 12. Described key stakeholders and what role you will be taking (IT Project Manager or IT Specialist).  | **0–5**  |  |
| **Total (Sum of all points)**  | **0–100**  |  |
| **Points deducted for spelling, grammar, and/or APA errors.**  |  |
| **Adjusted total points**  |  |
| **Please refer to the writing rubric in Doc Sharing to understand how spelling, grammar, and APA deductions are assessed.**  |