1 / 3

**IT490 TERMINOLOGIES**

* \* RESEARCH: is a systematic inquiry that investigates hypotheses, suggests new interpretations of data or texts,and poses new questions for future research to explore.
* \* RESEARCH METHODOLOGY: is the process used to collect information and data for the purpose of making business decisions.
* \* RESEARCH ETHICS: Rules for distinguishing between right and wrong. Moral obligation to act ethically at all times and situations.
* \* LITERATURE REVIEW: A literature review discusses publishedinformation in a particular subject area, and sometimes information in a particular subject area within a certain time period.
* \* ELECTRONIC HEALTH RECORD: An EHR is a digital version of a patient’s chart. EHRs are real-time, patient-centered records that make information available instantly andsecurely to authorized users.
* \* SYSTEMS PLANNING: Study problems and needs of anorganization. Determine best approach to improving organization through use of: People, Methods, and Information technology.

2 / 3

* \* SDLC: The development of a new software or application typically follows a methodology. This is called the Systems Development Life Cycle (SDLC).
* \* METHODOLOGY: is a series of well-defined phases, performed in sequence, that serve as a framework for developing a system or project.
* \* WORKFLOWS: is allow you to present key requirements of your new software based on: Inputs, Processes, andOutputs.
* \* CONCEPTUAL MODELING: The data flow diagram captured the data requirements and flow. However, it does not capture the detailed relationship between the data elementsflowing through the system or software. It shows the relationship between the data flows from one entity to another.
* \* BTR: The BTR (Business and technical requirements) document provides and presents all of the information that is required to plan and design your new information system.
* \* PROJECT BACKGROUND: It provides a summary of the entire application being designed.
* \* SYSTEM OBJECTIVES AND CURRENT FUNCTIONALITY: An itemized list of objectives and expected functionalities are identified here.
* \* CURRENT METHODS AND PROCEDURES: Current Equipment,Input and Outputs to the system, and any Deficiencies that need to be addressed are noted here.

3 / 3

* \* SUMMARY OF IMPROVEMENTS:Improvements in functionality, existing capabilities and timelines are notedhere.
* \* SUMMARY OF IMPACTS: Impacts of the proposed system to organizational users and operations are noted.
* \* DETAILED CHARACTERISTICS:Details of functional and proposed system functions are presented here, including any potential factors that may hinder project success.
* \* DESIGN CONSIDERATIONS: Flow charts depicting system and functional descriptions are presented.
* \* PRESENTATION: Share with the audience the purpose of the research (i.e., what you are trying to achieve).Present your research (data) sources e.g. analyzing interviews, literaturereviews of articles, white papers, etc.