## Purpose

The purpose of this assignment is to investigate informatics in healthcare and to apply professional, ethical, and legal principles to its appropriate use in healthcare technology.

**Course outcomes:** This assignment enables the student to meet the following course outcomes:

CO 4: Investigate safeguards and decision‐making support tools embedded in patient care technologies and information systems to support a safe practice environment for both patients and healthcare workers. (PO 4)

CO 6: Discuss the principles of data integrity, professional ethics, and legal requirements related to data security, regulatory requirements, confidentiality, and client’s right to privacy. (PO 6)

CO 8: Discuss the value of best evidence as a driving force to institute change in the delivery of nursing care. (PO 8)

**Due date:** Your faculty member will inform you when this assignment is due. The Late Assignment Policy applies to this assignment.

**Total points possible:** 200 points

## Preparing the assignment

Your faculty member will provide a scenario for you to address in your paper. Choose an ending to the scenario, and construct your paper based on those reflections. Choose one of the following outcomes for the end of the scenario:

1. A HIPAA violation occurs, and client data is exposed to the media.
2. A medication error has harmed a client.
3. A technology downtime that impacts patient care occurs, and an error is made.
4. A ransomware attack has occurred, and the organization must contemplate paying the ransom or lose access to patient data.

**Follow these guidelines when completing this assignment.** Speak with your faculty member if you have questions. Include the following sections:

* 1. Introduction - 20 points/10%
		+ Presents a clearly designed thesis statement or argument.
		+ Provides a clear and concise overview of the content.
		+ Offers a compelling argument to elicit the readers attention and generate interest.
	2. HIPAA, Legal, and Regulatory Discussion - 20 points/10%
		+ Identify client privacy and HIPPAA standards as they relate to the impact of technology on nursing care.
		+ Review healthcare regulations as they relate to the impact of technology on nursing care.
		+ Describe legal guidelines on appropriate use of technology.
	3. Scenario Ending and Recommendations - 50 points/25%
		+ Presents the selected or assigned scenario ending as the focus of the assignment.
		+ Evaluates the actions taken by healthcare providers selected or assigned scenario evolves.
		+ Recommends actions to mitigate the injury sustained in the selected scenario ending.
		+ Supports recommendations with evidence from recent scholarly publications.
	4. Advantages and Disadvantages - 50 points/25%
		+ Presents at least two advantages of using the specified technology in healthcare.
		+ Presents at least two risks of using the specified technology in healthcare.
		+ Describes professional and ethical principles guiding the appropriate use of technology in healthcare.
		+ Support advantages and risks with evidence from recent scholarly publications.
	5. Conclusion and Reflections - 40 points/20%
		+ Summarizes the selected or assigned scenarios ending including the recommendations.
		+ Establishes a clear link between the discussion and the thesis statement or argument.
		+ Discusses thoughtful insights and implications based on the outcomes.
		+ Describes how new insights will impact future behavior as a healthcare professional.
	6. APA Style and Organization - 20 points/10%
		+ References are submitted with assignment.
		+ Uses current APA format and is free of errors.
		+ Grammar and mechanics are free of errors.
		+ Paper is 4-5 pages, excluding title and reference pages.
		+ At least three (3) scholarly, primary sources from the last 5 years, excluding the textbook, are provided.

For writing assistance, visit the Writing Center.

**Please note** that your instructor may provide you with additional assessments in any form to determine that you fully understand the concepts learned in the review module.

**Grading Rubric** Criteria are met when the student’s application of knowledge demonstrates achievement of the outcomes for this assignment.

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| **Assignment Section and Required Criteria****(Points possible/% of total points available)** | **Highest Level of Performance** | **High Level of Performance** | **Satisfactory Level of Performance** | **Unsatisfactory Level of Performance** | **Section not present**  |
| **Introduction**(20 points/10%) | **20 points** | **10 points** | **5 points** | **0 points** |
| **Required criteria**1. Presents a clearly designed thesis statement or argument.
2. Provides a clear and concise overview of the content.
3. Offers a compelling argument to elicit the reader’s attention and generate interest.
 | Meets all requirements for section. | Includes no fewer than 2 requirements for section. | Includes no fewer than 1 requirement for section. | No requirements for this section presented. |
| **HIPAA, Legal, and Regulatory Discussion**(20 points/10%) | **20 points** | **10 points** | **5 points** | **0 points** |
| **Required criteria**1. Identify client privacy and HIPPAA standards as they relate to the impact of technology on nursing care.
2. Review healthcare regulations as they relate to the impact of technology on nursing care.
3. Describe legal guidelines on appropriate use of technology.
 | Meets all requirements for section. | Includes no fewer than 2 requirements for section. | Includes no fewer than 1 requirement for section. | No requirements for this section presented. |
| **Scenario Ending and Recommendations**(50 points/25%) | **50 points** | **43 points** | **38 points** | **19 points** | **0 points** |
| **Required criteria*** + 1. Presents the selected or assigned scenario ending as the focus of the assignment.
		2. Evaluates the actions taken by healthcare providers selected or assigned scenario evolves.
		3. Recommends actions to mitigate the injury sustained in the selected scenario ending.
		4. Supports recommendations with evidence from recent scholarly publications.
 | Meets all requirements for section. | Includes no fewer than 3 requirements for section. | Includes 2 requirements for section. | Includes 1 requirements for section. | No requirements for this section presented. |
| **Advantages and Disadvantages**(50 points/25%) | **50 points** | **43 points** | **38 points** | **19 points** | **0 points** |
| **Required criteria**1. Presents at least two advantages of using the specified technology in healthcare.
2. Presents at least two risks of using the specified technology in healthcare.
3. Describes professional and ethical principles guiding the appropriate use of technology in healthcare.
4. Support advantages and risks with evidence from recent scholarly publications.
 | Meets all requirements for section. | Includes no fewer than 3 requirements for section. | Includes 2 requirements for section. | Includes 1 requirements for section. | No requirements for this section presented. |
| **Conclusion and Reflections**(40 points/20%) | **40 points** | **34 points** | **30 points** | **15 points** | **0 points** |
| **Required criteria**1. Summarizes the selected or assigned scenarios ending including the recommendations.
2. Establishes a clear link between the discussion and the thesis statement or argument.
3. Discusses thoughtful insights and implications based on the outcomes.
4. Describes how new insights will impact future behavior as a healthcare professional.
 | Meets all requirements for section. | Includes no fewer than 3 requirements for section. | Includes 2 requirements for section. | Includes 1 requirements for section. | No requirements for this section presented. |
| **APA Style and Organization**(20 points/10%) | **20 points** | **18 points** | **16 points** | **8 points** | **0 points** |
| **Required criteria**1. References are submitted with assignment.
2. Uses current APA format and is free of errors.
3. Grammar and mechanics are free of errors.
4. Paper is 4-5 pages, excluding title and reference pages.
5. At least three (3) scholarly, primary sources from the last 5 years, excluding the textbook, are provided.
 | Includes all requirements for section. | Includes 4 requirements for section. | Includes 3 requirements for section. | Includes 1-2 requirements for section. | No requirements for this section presented. |
| **Total Points Possible = 200 points** |