Assignment 3

Select a real-world case study in which human error resulted in significant consequences. Examine the sequence of events leading to the error and create a list of possible errors. Classify the types of errors involved. Identify the causes of these human errors. Evaluate the error-handling techniques implemented in the current system. Prepare a group presentation. Utilize visuals, real-life examples, and articulate explanations to captivate the audience's attention and facilitate understanding.

Rubric:

Selection of Case Study (5 marks):

Clarity of the chosen real-world case study.

Significance of the consequences resulting from human error in the selected case study.

Analysis of Events and Error Identification (7 marks):

Depth of analysis in examining the sequence of events leading to the error.

A comprehensive list of possible errors identified based on the analysis.

Classification of Error Types (5 marks):

Accuracy and clarity in classifying the types of errors involved.

Demonstrated understanding of different categories of errors within the context of the case study.

Identification of Causes (5 marks):

Thoroughness in identifying the root causes of human errors.

Insightfulness in connecting the causes to the specific types of errors identified.

Evaluation of Error-Handling Techniques (8 marks):

Critical evaluation of the effectiveness of error-handling techniques implemented in the current system.

Assessment of how well the techniques address the identified types of errors and their underlying causes.

Insightful suggestions for potential improvements or alternative techniques based on the evaluation.