* Ch. 20
* Previous Assignment Information
* Six-Sigma DAMIC

**Writing Tense:**3rd Person (He, She, They, or It)

**Writing Style:** Argumentative/Application - Position supported by facts (Based on the previous analysis) and supported with practical application examples. Avoid bias-based opinions not supported by facts.

**Combine** the previous weeks assignment information, with the following additional supporting requirements, to construct one complete and comprehensive presentation.

**Create**a 15 to 20-slide MS PowerPoint presentation with detailed speaker notes.

**Additional Supporting Requirements**

**Answer**the discussion points with operational concepts presented within the course material.

**Quality:**

Identify quality standards including:

* + Use TQM, ISO, and Six-Sigma DMAIC to develop a new quality design
	+ Use Constraint Management concepts to demonstrate how to balance capacity

Note: Be sure to:

* + Take advantage of any global opportunities available to Riordan, such as lower labor costs
	+ Describe who will use the quality tools
	+ Identify at what interval (when) and how it will lead to process improvement

**Project Plan:**

Develop a project plan including a minimum of the following:

      Financial:

* + Net Present Value Analysis
	+ Break-Even Analysis

      Project Implementation Plan:

* + A schedule based on the five phases of project development
	+ A schedule including project goals, roles, responsibilities, and deliverables
	+ An implementation plan, including a Gantt chart of the process design for the Riordan electric fans
	+ A project close out phase

**Presentation Requirements**

* Each student must present a minimum of five minutes without stopping or switching team members.
* Students must not read directly from notes or any other supporting documents. Exception: Student's are allowed to have note cards, and financial information to reference as needed.
* Provide a copy of the PowerPoint Presentation to the instructor prior to beginning the team presentation.
* Teams may either choose to answer questions during the presentation or defer questions until the end of the presentation. Team members can support each other during the question and answer sessions.
* Posted presentation must be the same as the one presented in class and aligned with the previous assignment information.

**Assignment Quality Requirements**

* Includes an active attempt to present the information in a clear, and concise manner
* Includes one or more supporting citations for each discussion point. The primary supporting citation must be from the course text, and or, course support documents.
* Includes external support citations from a minimum of two peer-reviewed journal articles less than 5-years old. The supporting article references satisfy the writing requirements for conducting research beyond the course material.

*(Basic definitions and concepts not cited from the course text and support materials will result in points deducted from the overall assignment score.)*

* Formatted based on the standard APA citation rules
* Submitted through the Plagiarism Checker/Grammarly Tools and demonstrate a reasonable attempt to correct quality issues