EIND 499
Assignment 7: Initial Solutions and Implementation Plan
Due 4 April

At the time this assignment is due, you have three weeks remaining before your project should be completed. You should have completed the majority of your data collection efforts several weeks ago, and be deep into your analysis and development of potential solutions.

This assignment is designed to help your team:
1. Formalize the potential solutions you have identified.
2. Document how these solutions relate to the key problems identified in the course of the project data collection and analysis.
3. Identify any root causes that have not been addressed with your solutions.
4. Plan for the potential implementation of your solutions.
5. Begin the process of ‘selling’ your solutions to your client.

In order to achieve these objectives, your team must create a document that describes each of the potential solutions, including the following components:
- Describe the potential solution.
- Describe root cause(s) the solution addresses and how it fixes each.
- Define the costs associated with the implementation of the solution.
- Define the potential negative outcomes of the solution and how these risks will be controlled for during implementation.
- Define the steps required for implementation of the solution.
- Define how the effectiveness of the solution will be monitored (the control plan).

Utilization of an FMEA style document is one way to effectively complete this assignment. The assignment must be completed by 5:00 p.m. on 4 April and can be submitted electronically or via hard copy. Students are encouraged to think of this assignment in terms of outlining the solutions portion of their final project report and supporting documentation that will be located in the appendices.