Imagine you want to begin a start-up company after graduation (referred to as your *dream company*). Your dream company could be either a manufacturing or service company.

1. Describe your dream company.
   1. What is your main product/service?
   2. Where are you located?
   3. Who are your target customers?
   4. What is your competitive advantage?
2. Think of some operations management related issues within your company.
   1. List at least 10 OM related issues.
   2. For each of the issues you list, suggest a specific OM tool/model to help deal with that particular issue.
3. Choose one of the chapters of the text **we did NOT cover** based on your interest. Read that chapter carefully.
   1. Describe how the concepts and tools in that chapter will help you improve your operations in your dream company?
   2. Apply at least one of the specific tools described in that chapter to solve a challenge in your dream company. For example, if you choose Chapter 3: Project Management, use the PERT and CPM techniques to manage and schedule an imaginary project you have in your dream company (you can use made-up numbers).
4. In addition to the document and possible Excel files you submit, also submit a 5-minute video to present your project. Your presentation should include PowerPoint slides summarizing your course project (parts 1, 2, and 3 above).