This is an open book, open notes, open Internet take home paper/presentation exam. This exam has three parts.

PART ONE (150 points)
On the following page are eight different questions to which you only have to select one to answer so the sooner you select the better your chances are for getting to answer the question you want. The expectation is that you will provide a thorough answer that incorporates as many of the chapters discussed in class and in the book when possible (i.e. discussing IT infrastructure/telecom issues, security, database/business intelligence, knowledge management, enhanced decision making, and managing projects). Your paper length should be about three to seven pages.

Remember to keep in mind that your written response is to come from the perspective of a consultant trying to explain a problem/challenge to a business/organization. This means that you will have to provide clear, organized responses to the questions that lie in the question problem statement. You do have some flexibility in terms of presentation meaning that you do not have to use the typical academic double space, that you can include pictures, tables, charts, figures. Ultimately you need to provide evidence that you have not only answered the questions but provided enough assurance that you have done your research and your proposals/solutions are valid and correct.

PART TWO (50 points)
In addition to the paper you will be expected to provide a powerpoint presentation (with ½ page to 1 page handout) to the class. This presentation is not meant to be too formal just enough to provide information to the class. The rationale with the handout is to provide some short bullet points and/or quotes (quick take aways) that the audience participants can use if they were to have to write an article. (Think of yourself as a subject matter expert providing quotes to the press).

PART THREE (50 points)
We spent a few class sessions regarding the iPad and specifically iMovie. Using the iPad questionnaire as a guide, interview one or more of your classmates to inquire as to their opinions, perspective, and predictions on the current and future use of iPads in the classroom. Once the interviews are completed you are to create a short iMovie presentation of the results. The total time of the video will vary depending upon the lengths of the answers as well as how many people that you decide to include. What is most important is that your submission be able to relate to the viewer some type of message. For example you could organize your statements into a very positive message, or a message that highlights areas to work on. You could decide to create a movie message that leaves it up to the viewer to make an informed decision. Keep in mind that if you select the last option that you strive to focus on one main issue as to avoid confusing the viewer.
EXTRA CREDIT (15 points)
Word has gotten out regarding your new wicked skills learned in ITMG 350, specifically of your iMOVIE, prezi, and overall presentation skills. The offices of undergraduate orientations/programs/admissions as well as many others on campus are very interested in receiving input towards a ‘USD BUCKET LIST.’ In other words a guide for incoming new and transfer students as to some of the main things that is ‘essential’ for a USD to experience before graduating. Your task for extra credit is to provide them with such a guide. Feel free to use any format, any program, etc that you see fit to fulfill this request.

This exam is due on Thursday 22 May 2014 at 11 AM.

Associated Students Academic Integrity Statement
“I pledge that I have neither given nor received any unauthorized assistance on this examination”

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ITMG 350 Final Exam Spring 2014
QUESTION ONE
You are consulting for the information technology division of a state university to guide and facilitate the design of a new system for handling college applications, which has previously been handled entirely with a paper-based process. They would like to set up a system by which prospective students can apply online and check their process. Describe in detail their first steps and any studies they should perform before designing the new information system. Once complete then discuss some type of systems they could consider and how they would implement them. You will also want to consider how to keep the system data secure and how the system could enhance the decision making process of accepting students.

QUESTION TWO
You are the senior project manager for a Web development company with upwards of 100 current client projects. You have been assigned to evaluate two upcoming projects. One project is to develop a time tracking solution that would allow your 20 freelancers to submit daily time sheets and would report on the time spent on each project. The other project is to redesign the client interface to the company extranet to make it easier to use. The extranet allows clients to log in and view their current Web sites under development, as well as view project statistics, documents, and progress reports. Compare the two projects in terms of risk factors, cost, implementation issues, security, and involvement of end users both in development and adoption issues.

QUESTION THREE
Your friend has asked you to investigate the website shortcuts.com (now known as smartsource.com). He/she seems to think that this is an interesting idea but feels it is underdeveloped. Specifically, she/he would like to replicate their model. Provide a discussion of shortcuts.com (smartsource.com) business model, i.e. how it obtains its content, how it attracts new customers, what type of systems would need to be in place to keep track of members, the action of the members, as well as the interaction between the site, the stores, and the product manufacturers. Also consider what type of information security and payment processing items would need to be in place.

QUESTION FOUR
Americlinic, a national chain of budget health-care clinics, is creating an information system that will allow patients and doctors at participating franchises to communicate online. The goal of the system is to allow doctors to respond to minor health questions quickly and more efficiently, saving patients unnecessary visits to the clinic. This will be a major procedural change. What types of communication systems could you utilize? How could you create a knowledge database for an interactive online system? What types of security measures would you need to implement to ensure patient confidentiality? What steps would you recommend to this company to ensure the user acceptance of the system?
QUESTION FIVE
Without a doubt the Internet has made many changes in the relationships between the companies, consumers, and the government. First describe some of these most profound way in which e-commerce and the Internet has changed the relationship between companies and their customers? Second, describe and explain the idea of "network neutrality." Are you in favor of network neutrality? Why or why not? Third, describe and explain the idea behind the Cyber Intelligence Sharing and Protection Act. Are you in favor of CISPA? Why or why not? Lastly, hackers, spammers, and their companion viruses are an increasing problem on the Internet and is the basis for some of this legislation. What are the most important measurers for a firm to take to protect itself from this? Is full protection feasible without legislation? Why or why not?

QUESTION SIX
You have been hired as a consultant for a nationwide real estate firm, Cross & Deptford, who are interested in achieving better organization between branches by updating their information systems, but are not sure what will suit their needs. What will you recommend they do in order to determine the most effective IT projects? For example begin by describing the process of portfolio analysis. In what situations is this evaluation method useful and what is the purpose of using real options pricing model to estimate the potential value of an information systems project? What is GSI and could a GIS program be appropriate?

QUESTION SEVEN
When President Clinton signed the Telecommunications Act of 1996 ("the Act" or "the 1996 Act") into law on February 8, 1996, it represented the beginning of a new era in telecommunications regulation in the United States. It was highly touted as a progressive action that would be of great benefit to consumers as it would allow models to be based on competition rather than monopoly. Almost 20 years later Comcast has announced its intention to purchase/merge with Time Warner cables which is now causing a new concern in the new evolution of competition and ‘convergence of services.’ This question asks you to investigate and examine the major issues regarding this merger. For example how does this merger affect the intent of the Telecommunications Act? Does HDTV play any role with this merger or at least in terms of the transformation of our dependence on cable television? What percentage of the market will this merger create? What effect will it have on cable television providers? Internet service providers? Lastly, investigate and report what options and alternatives do consumers currently have (or potentially could have) with cable and internet services?

QUESTION EIGHT
You have been hired by a small architectural firm (Shifty’s) interested in implementing a knowledge management system. Your first step is to identify the three major types of knowledge management systems. Provide two examples of each. In preparing your final proposal what features do you think
would be of most benefit to them? What would report to be the main challenges in setting up a knowledge management system? You also feel that knowledge workers so important to the digital firm, but how would you explain that to the Shifty management team? Perhaps you could describe what their functions are and which of these do you feel is most critical to the success of the firm? (Be certain to include why) Lastly, describe how knowledge be gathered from the personal and undocumented expertise of professionals within a firm. List at least four ways to gather and disseminate such knowledge.