CS 340: Cyber Security

Protecting the Internet (15 pts)

DUE: End of Day February 27, 2015 @ MUOnline

**Task:**

1. The FCC propose that by treating the Internet as a public utility, so that it could be better regulated.
2. Research the subject further through other sources along with other government approach in the past such as SOPA.
3. Answer the following questions regarding the topic in a short and concise report:
   1. What is the actual proposal made by the FCC? Have the media accurately represents it?
   2. What is the underlying problem that it is trying to address? Why is it a problem? How bad is this problem? Who are affected by it?
   3. Observe it from a global perspective and discuss the attempts done (or lack thereof) in other countries. Make sure that your analysis covers a good percentage of the countries in the world.
   4. How does it affect you as a computer scientist? Explain some of the advantage and/or the disadvantage from a programmer’s perspective.
   5. Some people think that this approach is not effective and an over exaggeration. Is there a better way to address the problem? Explain at least one method that may work better and discuss why it can be successful (or at least more effective than what is proposed).
4. Consider the following statement: Piracy utilizes computers in various phases of creation, distribution, usage, etc. First, because computers requires computer scientist to function properly, then there should be a way to ensure that computer cannot be used to perform any activity that leads to piracy. Second, Computer Science can be considered as the enabler of Piracy thus if the field of computer science is regulated closely, it will lead to elimination if not a significant reduction in piracy.
   1. Analyze the two important components of the statement above and explain whether you agree or disagree with it.
   2. Recall your previous code of ethics paper, is there any CS code of ethics that address piracy both directly or indirectly?
5. You must use at least 5 references in your paper.

**Requirements & Deliverables:**

1. Work individually, though discussions are highly encouraged plagiarism will not be tolerated. Your work should be unique enough from others, do not use someone else’s idea.
2. Your paper should be a minimum of 2 pages and no more than 3 pages (not including references section). Your paper should have 1” margin on all sides and 1.15 spacing maximum(minimum single space). Maximum 12 point font size.
3. Your paper must include the following items:
   1. Technical Content & explanation of technical issue
   2. Clarity
   3. Organization
   4. Assignment Directions
   5. Discussion on stakeholders and the impact (if any)
   6. Justification
   7. Utilization of references
   8. Conclusion