CSCE 390: Professional Issues in Computer Science and Engineering

Case Report-1

Task:

- This assignment must be completed on an individual basis.
- You can choose any **one** of the case studies assigned to write a report
 - Case: **6.1, 6.2** or **6.3**
- Your report must include
 - a cover page and
 - o an analysis of any **one** of the case studies assigned

Analysis: (35 points)

- The case study must be evaluated by addressing the following questions:
 - Identify (1-2 sentences) the "ethical dilemma" or ethical question in the case. Pose an open ended question that generates many potential answers, not a question that can be answered with a yes" or "no". (1 point)
 - 2. Identify (1-2 sentences) the role that information technology played in creating the special circumstances of the case. (1 point)
 - 3. List four (4) critical stakeholders in the case and identify an important right/duty of each stakeholder. (6 points)
 - 4. List and describe four (4) alternative courses of action that may be taken (to address the ethical dilemma) and determine the likely consequences of each proposed action for each stakeholder (2 pages). (12 points)
 - 5. From a teleological perspective which action from Part 4 is morally right? Explain (1/2 page). For example, explain your "moral calculus" or your cost/benefit analysis. Explain why the action you chose generates more social welfare than the other 3 actions. Be sure to include each action listed in Step 4 in your analysis. (5 points)

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- 6. From a deontological perspective which action from Part 4 is morally right? Explain (1/2 page).

 For example, explain how you prioritized the stakeholder's rights. Be sure to include each action listed in Step 4 in your analysis. (5 points)
- 7. Describe your normative recommendation in this case (1 page). That is, explain what actions would you recommend to address the ethical dilemma (e.g., law, norms, market forces, technology). Explain the basis of your recommendation. Be creative! Please do not cut this discussion short! Do NOT repeat any of the actions suggested in Step-4. (5 points)

Instructions:

- The cover page must include your name, case title and the date.
- The report should be 4-5 pages (not including the cover page), 1.5 spaced, Calibri 12 point font, 1 inch margins.
- All pages except the cover page must have a page number in the lower right corner.
- Use numbered section breaks (1-7) to facilitate grading.
- References must be listed at the end of the assignment and cited in the main text. Do not plagiarize.
- Upload your case report(in PDF format) on Blackboard.