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| AIUB | **American International University- Bangladesh (AIUB)**  **Faculty of Engineering (EEE)** | | | | | | | |
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| **Course Name:** | | Engineering Ethics | | | | **Course Code:** | EEE 3107 | |
| **Semester:** | | Summer 2019 | | | | **Section:** | H | |
| **Faculty:** | | DR. M. TANSEER ALI | | | | | | |
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| **Assignment:** | | Research Paper Summary | | | | | | |
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| **Student Name:** | | **Md.Sifat Hassan** | | | **Student ID:** | | **16-31282-1** | |
| **Student’s Departmnet:** | | **CSE** | | | | | | |
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| **Submission Date:** | | |  | | **Due Date:** | | |  |

**Marking Rubrics (to be filled by Faculty)**

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| Category | Proficient  [4] | Good  [3] | Acceptable  [2] | Unacceptable  [1] | Secured Marks |
| **Explanation of issues** | Issue/problem to be considered critically is stated clearly and described comprehensively, delivering relevant information necessary for full understanding. | Issue/problem to be considered critically is stated, described, and clarified so that understanding is not seriously impeded by omissions. | Issue/problem to be considered critically is stated, but description leaves some terms undefined, ambiguities unexplored, boundaries undetermined, | Issue/problem to be considered critically is stated without clarification or description. |  |
| **Influence of context and assumptions** | Thoroughly (systematically and methodically) analyzes own and others’ assumptions and carefully evaluates the relevance of contexts when presenting a position. | Identifies own and others’ assumptions and several relevant contexts when presenting a position. | Questions some assumptions. Identifies several relevant contexts when presenting a position. May be more aware of others’ assumptions than one’s own (or vice versa). | Shows an emerging awareness of present assumptions (sometimes labels assertions as assumptions). Begins to identify some contexts when presenting a position. |  |
| **Student’s position (perspective, thesis/ hypothesis)** | Specific position (perspective, hypothesis) is imaginative, considering the complexities of an issue. Limits of position (perspective, hypothesis) are acknowledged. Others’ points of view and assumptions are synthesized within position (perspective, hypothesis). | Specific position (perspective, thesis/hypothesis) considers the complexities of an issue. Others’ points of view and assumptions are acknowledged within position (perspective, hypothesis). | Specific position (perspective, hypothesis) acknowledges different sides of an issue. | Specific position (perspective, hypothesis) is stated, but is simplistic and obvious. |  |
| **Innovative Thinking or uniqueness (of idea, claim, question etc.)** | Extends a novel or unique idea, question, format, or product to create new knowledge or knowledge that crosses boundaries. | Creates a novel or unique idea, question, format, or product. | Experiments with creating a novel or unique idea, question, format, or product. | Reformulates a collection of available ideas. |  |
| **Conclusions and related outcomes (implications and consequences)** | Conclusions and related outcomes (consequences and implications) are logical and reflect student’s informed evaluation and ability to place evidence. | Conclusion is logically tied to a range of information, including opposing viewpoints; related outcomes (consequences and implications) are identified clearly. | Conclusion is logically tied to information (because information is chosen to fit the desired conclusion); some related outcomes (consequences and implications) are not clear. | Conclusion is inconsistently tied to some of the information discussed; related outcomes (consequences and implications) are oversimplified. |  |
| Comments: |  | | Total Marks  (Out of 20) | |  |

The research paper is based on a case study named “The Ethical and Social Issues of Information Technology: A Case Study”. The research is performed by Ehsan Sargolzei and Mohammad Nikbakht from University of Zabol. The study is conducted among 283 students from university of Zabol in order to identify the harm and ethical and social issues in the field of information technology.

As Nowadays internet has made a revolutionary change among the world, it is considered as a blessing. But is it actually a blessing? If we consider this research paper we will find many moral conflict due to Information and social issues.

There had been four categorized ethical issues provided as a descriptive part which are Computer addiction (2 questions), Addiction to social network (4 questions), Addiction to unethical sites (3 questions), Violent computer games (2 questions). As Likert scale based question several category was mentioned such as privacy violation, Negative behavior and personality impacts, Addiction to social network etc.

From the first question of the questionaries’ section we can see those finding.

Majority of the people is addicted to computer where the major reason is for entertainment and recreational purpose. The rate of using virtual social network is high. Most of them use social network at night. Significant number of people have access on unethical sites via virtual networks. Most of the computer user love to play arcade and sport game.

From the main question of the questionnaires section we can see many ethical problem.

* Most of the people agreed they download software, movies, music etc with copyrights that are presented for free.
* People are attracted by free articles rather than paid.
* Many social media profile are fake.
* Many people buy music, cd etc but willing to share them as free.
* Many people use mobile camera in public place.
* Most people check other people picture and information without getting permission
* Using other research work without citing them.
* Many people make money through game and online gambling.

Those are the few points which are either unethical or have ethical dilemma in them.

Now I am going to explain why those points are unethical or creating ethical dilemma from my perspective as a student.

1. Downloading software, movies etc as free: From my perspective this will create ethical dilemma. Downloading a software without buying it is unethical. But as a student, most of the time it is impossible for me to bear the expense. Sometimes it occurs like, I need a software for a simple reason which is not worth paying money. Though it is unethical but I have no other alternative. As most of the software we use doesn’t provide free student license.
2. Free Articles: Most common example I faced regarding this issue was when I was researching for my thesis. I had to download many papers for free for my research purpose. Being a student it was quite impossible for me to buy those paper. There was no funding. So I have to go for the unethical approach. But from my moral view it was ethical, as a citied every paper.
3. Fake Profile: This is totally unethical. Because most of the time those fake profile are used to make troubles or do crime. Most of the profile have others pictures which they are not permitted to use.
4. People buy music but share them as free: Most of the cases, musician had to put lot of efforts and money. Sharing them as free means we are not valuing there works. Most of the time this causes them to leave the music and do other job as they are not getting any benefit from music. So, buy sharing one music as free we eventually destroying many careers, many peoples dream. Which is totally unethical.
5. Using mobile camera on public place: This is actually an ethical dilemma. Most of the cases it is okay to take picture of any public places. But where it is mentioned that “Do not take any picture” we should follow. Otherwise we are becoming unethical.
6. Checking other people picture and information without getting permission: For me, if the picture or information is in social media, if the privacy of profile media is public or friends then it is ethical. Because the person who shared the photo or information giving public or friend privacy is meant to see other people.
7. Using other research work without citing them: It is an unethical thing. One must give citation if he/she uses anything from other works. Otherwise it will be considered as unethical.
8. Money from game and gambling: This is creating ethical dilemma. Because for me making money from game is ethical but gambling is unethical. So it is creating ethical dilemma.

So those are the points I have chosen from the paper as unethical or ethical dilemma. Now what could be probable solution of those?

* Create real and effective recreation and entertainment instead of virtual entertainment for students.
* The lower cost of internet at night can be removed instead put higher charge.
* Family control and monitoring can be an effective factor
* Most effective way for reducing the unethical site is to create awareness among people, tell the bad consequences of using them
* For reducing fake account, more security should be increased in social media such as verification by photo id.
* Agreements can be made between software companies for giving student license so that students can use them ethically for their better purpose.
* Copyright laws should be implemented properly in our country, so that we don’t demotivate a musician.
* If people information is private, we should not check them.
* Mostly we need moral awareness for judging what is right or wrong. Otherwise nothing can change use unless we change ourselves.

From this paper, I have summarized my viewpoints regarding Ethics which I have learnt throughout the semester

References

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| [1] | M. N. Ehsan Sargolzaei, "The Ethical and Social Issues of Information Technology: A Case Study," International Journal of Advanced Computer and Applications, 2017. |