



American International University- Bangladesh (AIUB)

Faculty of Engineering (EEE)

Course Name:	Engineering Ethics	Course Code:	EEE 3107
Semester:	Summer 2019	Section:	F
Faculty:	DR. M. TANSEER ALI		

Assignment:	Research Paper Summary
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Student Name:	Sultan, Md Tawhid	Student ID:	16-32275-2
Student's Department:	CSE		

Submission Date:	28.07.2019	Due Date:	28.07.2019
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Marking Rubrics (to be filled by Faculty)

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)	

QUESTION:

In this assignment, you will read and summarize the following research paper:

Ehsan Sargolzaei and Mohammad Nikbakht "The Ethical and Social Issues of Information Technology: A Case Study", (IJACSA) International Journal of Advanced Computer Science and Applications Vol. 8, No. 10, 2017 (pp. 381-1466).

Your job is to explain an aspect of the paper in your own words. Evaluate the paper. You may use other sources as well, as long as you include a copy and cite the source. You must base the majority of your work on the paper. Points will be deducted for relying too heavily on other sources. You may be asked to present this paper to the class (if time permits). Anticipate common questions, such as "how is this related to our class?", "what is your motivation?", "why did you include the other paper(s)?", and "what is the primary contribution of the paper?"

Your summary should be at least 2 pages, double spaced, 12-point times font, 1-inch margins, **single column**. Full justify the text. Include any figures on additional pages.

Be sure to have the reference included in a "reference" section. The paper must be cited in your summary. Do this by placing the reference number in square brackets, such as [1]. Your paper must not contain any text from the original paper, unless you quote it and cite it. If you paraphrase something from the paper, also cite it. Your review should not rely too heavily on the abstract, introduction, and conclusion. If your summary exceeds 4 pages, you may be asked to re-write it (**with points deducted**).

ANSWER:**Paper Summary:**

Over the past few years, Technology has taken over the world. The internet is by far one of the greatest inventions of all time for many reasons, also it is considered as a blessing. But are this can be a blessings or curse for this world? For finding out this answer a research with a case study titled as “The Ethical and Social Issues of Information Technology: A Case Study” will be very effective with some stats and some solutions. This research has been done by Ehsan Sargolzaei and Mohammad Nikbakht from the University of Zabol to identify the harm and ethical and social issues in the field of information technology.

This study has been conducted with 283 students from the University of Zabol. It has been categorized with some questionnaires’ and also followed some methods to categorize those questions to some contents. Likert scale was one of those methods which have been implemented to categorized these questions as privacy violation, negative behavior and personality impacts, addiction to social networks etc. Mainly it has been presented mainly with some ethical issues like computer addiction, addiction to social network, addiction to unethical sites, violent computer games etc.

This questionnaire has been ranked after conducting the whole survey. From this ethical problems that have been found are:

1. Most of the people use this for downloading software, movies, music etc with copyrights that are presented for free.
2. For avoiding paid articles most of the user use this for getting unpaid articles.
3. Many profiles on social networks are fake.
4. Anti-religious propaganda is very common in cyberspace.
5. Many people buy music, cd etc but willing to share them as free.
6. Many people make money through game and online gambling.
7. Using other research work without citing them.

Those are the few points which are either unethical or have ethical issues in them and it has been focused more other than all the questions.

Now based on this points stated above I will try to explain some of them how this has got some issues to discuss from the perspectives of any user.

1. **Downloading software, movies etc as free:** 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 any student to bear the expense. Sometimes it occurs like, for getting a software for a simple reason which is not worth paying money. Though it is unethical but there is no other alternative option to find this. As most of the software doesn’t provide free student license for that reason students are doing this unethically.
2. **Problems getting unpaid articles:** For research purpose students have faced a lot of problems regarding this issue. Sometimes it can be seen for getting a journal paper from a website it has been restricted without payment. That’s why students cannot download those papers or articles to cite those in their research. For that they use the unethical way to download those papers and use those.

3. **Making Fake Profile:** This is an unethical issue. 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. **Money from game and gambling:** This is creating ethical dilemma. Because making money from any types of games is ethical but gambling is unethical. So it is creating ethical dilemma.
5. **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. It will be also important to give citation because it can help the researchers to find out those citations and explore more from those and creations of new things can be possible.

Many more ethical problems of these types are also discussed in this research paper. Now for stopping these issues some steps have to be taken so that one can do all things ethically. For that there are some probable solutions that have been mentioned in the last portion of this paper. Some of them are stated below:

1. Real and effective recreation and entertainment instead of virtual entertainment have to be implemented for the students.
2. As internet users are more at night, for that reason the lower cost of internet at night can be removed instead put higher charge and lower cost can be implemented on day times.
3. Family learning and monitoring can be an effective factor for solving ethical issues.
4. Creating awareness among people is the best way among all to stop using the unethical sites by telling the bad consequences of using them
5. For reducing fake account, more security should be increased in social media such as verification of different procedures.
6. Agreements can be made between software companies for giving student license so that students can use them ethically for their better purpose.
7. If people information is private, we should not check them. Otherwise people will not have any beliefs over internet.
8. Mostly we need moral awareness for judging what is right or wrong. Otherwise nothing can change use unless we change ourselves.

From this research it has been found that, both ethical and unethical sites are open for anyone. So if anyone discards the unethical activities and taking good things out of this then this world will advance in any form. Lastly it has been concluded with a message that is there are still some research areas in this area to explore, so it will be better if anyone have explore it more and finds the lacking's more.