Princess Sumaya University for Technology
The King Hussein School of Computing Sciences
Computer Science Department

Course Project – Spring Semester 2023/2024 – 2nd Semester. **CS11449 Computer and Society**

REPORT CONTENT AND STYLE GUIDE

Project's Topic:
Each group is required to present a presentation in class on one of the following topics:

[1]   Robotics & Society

[2]   E-Government and Smart Cities

[3]   Ethical and Legal Issues of Big Data

[4]   Ethical and Legal Challenges of Holographic Communication Technologies

[5]   Ethical & Legal Issues in ChatGPT

[6]   Ethical Issues in Bioinformatics

[7]   Internet of Behaviors (IoB)

[8]   Ethical Issues in Cloud Computing

[9]   Ethical Issues in Internet of Things (IoT)

[10]   Cyberattacks versus Cybersecurity

[11]   Intellectual Property Rights and Patents

[12]   Software Issues: Risks, Liabilities, and the Invisible Factors

[13]   Globalization and the Fair Use or Abuse of the INTERNET

[14]   Codes of Information Ethics

[15]   Cyberspace and Freedom of Speech

[16]   Blockchain: Ethical and Legal Considerations

Basic Information:

- **Format:** 10 to 12 pages (Excluding: title page, table of contents, and references), typewritten, double-spaced, 1-inch margins, font size 10-12 points.
- **References:** Minimum of THREE references. These references could be from journals, conferences, reports, books, or URL addresses (you can use at most two URL addresses as references out of the three references).
- **Organization:** The report should consist of the following:
  1) Title page contains Project Title, Students' Names, Students' Numbers, and Students' emails.
  2) Table of Contents page.
  3) Body of the report contains an Introduction, a Main topic discussion including definitions, advantages and disadvantages, ethical and legal issues, and Conclusions.
  4) References.

Report Content:

The material should be well-researched, well-documented, and presented in an organized manner. While most of the research report will be a synthesis of information found in your references, there must be an element of originality. This could consist of comparison, giving advantages and disadvantages; a critique of a particular approach using *your* ideas, not the authors'; original ideas for improving current approaches; or some other contribution that demonstrates that you understand and have thought about the subject matter.

References and Citations:

- The references you select should represent a broad spectrum of sources. The university library is a good source. You can search on the Internet to find some references. Journals and professional magazines, conference proceedings, books, and reports are all possibilities. Also, textbooks, books, and URL addresses are permitted.

- Use the following format for references:
  Ritchie, D. M., and Thompson, K., "The UNIX Timesharing System", *Communications of the ACM*, vol. 17, number 7, pp. 365-375, July 1974.
  For further examples, see the references of articles in any ACM or IEEE publication.

- Order references by the first appearance in the text.

- Use citations in the body of the report to indicate the source of any non-original material. A citation consists of the reference number enclosed in square brackets. If a statement represents common knowledge (you have read it in several sources, including the textbook, for example), you aren't obligated to cite it, although you may wish to anyway. Direct quotations must be enclosed in quotation marks as well. If you reproduce figures or diagrams, cite their source.

REQUIREMENTS

- You are required to submit a report and present your work in class.
- 2-3 students can work on one project.
- All the team members must participate in the presentation.
- If you did not submit your project on the proper time, then for each day delay two marks are taken from the total grade of the project.
- Other interesting topics can be also discussed upon the approval of the instructor.
- Plagiarism! BE AWARE!

SUBMISSION OF PROJECT MATERIALS

You must submit the following as a soft copy by email (BASEL8@hotmail.com):
- Your presentation as both PowerPoint and PDF file formats.
- Your final report in both MS Word and PDF file formats.

PLAGIARISM – MISCONDUCT - DISHONESTY

Plagiarism, cheating, and other academic misconduct/dishonesty will NOT be allowed in this course. The university takes a most serious view of offenses against academic honesty such as plagiarism, cheating, and impersonation. Penalties for dealing with such offenses will be strictly enforced. A copy of the "Code of Student Behaviour and Disciplinary Procedures" including sections on plagiarism and other forms of misconduct may be obtained from the Office of the Registrar. The following rules shall govern the treatment of students who have been found guilty of attempting to obtain academic credit dishonestly.

1) The minimum penalty for a candidate found guilty of plagiarism, or of cheating on any part of a course will be a zero for the work concerned.
2) A candidate found guilty of cheating on an examination, repeated plagiarism, or unofficially obtaining a copy of an examination paper before the examination is scheduled to be written, will receive zero for the course and may be expelled from the University.

REPORT EVALUATION

The factors listed below are the basis for your grade on the research project report. You will be given a numerical rating in each category. The sum of the weighted ratings will be your grade on the report. Numbers in parentheses are the weight assigned to each factor.

- Organization of Report (5%): Your report should contain the following: Cover page, Table of Contents page, Introduction, Main Topic Discussion (including definitions, advantages and disadvantages, and ethical and legal issues), Conclusions, and References.

- Statement of Purpose (5%): Your report must have a definite purpose/focus statement, which is clearly stated in the opening paragraphs of the Introduction Section.

- Purpose Achieved (10%): A subjective evaluation of how well your research project report achieved its stated purpose.

- Suitability of Topic (5%): The report must focus on a topic that is appropriate to the subject of *Computer and Society*.

- Main Discussion Content (30%): An assessment of the quality of the content of the report from comparisons, adequate coverage, clarity of presentation, definitions, advantages, disadvantages, ethical and legal issues, etc.

- Original Contribution (10%): Originality can be provided through a critique, analysis, development of original ideas/examples, etc.

- Number of References (5%): At least 3 references, where these references are from journals, conferences, reports, books, and URL addresses. Note: You can use at most two URL addresses as references out of the 3 references.

- Citation of Non-Original Material (5%): You must credit your references (cite all references in your report).

- Conclusions (10%): You must present some original conclusions, supported by sufficient details in your report.

- Writing Quality (15%): An assessment of your report in terms of spelling, grammar, style, formatting, and organization.

The body of your report should have an introductory section in which you state the purpose of the research project report and the general approach you intend to take in presenting the material. Follow this with several sections that contain the information you want to present. Although this information will be drawn in large part from your references, you need to organize and present it in your own words. Finally, present a summary and your conclusions, in which you comment on the material you have presented and give your evaluation of it.

The following tips may help you:

1. Define the issue before you write. Narrow your focus. Tell the reader in a topic sentence what the unifying theme or purpose of the report is. This also helps you to mentally define what is required to fulfill that purpose.

2. Organize your thoughts. An outline is an instrument for helping you logically synthesize materials. Not only will it help keep you from making logical leaps when you write, but it also gives you a chance to view the whole work. The outline should be made after you have done most of your research when you know what material you have to work with and what you want to say.

3. Reflect on the organization in your report. Clear organization helps the reader synthesize information and put it in its proper perspective.

4. Paragraph properly. A paragraph is a tool. Use it to develop one major aspect of an idea or argument. Write a topic sentence and support it with specific evidence.

5. Give evidence and be certain it supports your conclusions. Citations should be used in these cases. Even if you do not quote the author directly, when you use an author's ideas you must give the author credit.

6. Remember that one purpose of the research project report is to analyze the material. Your thoughts and ideas do matter. They are the central concern in the educational process. Reporting what others have said and thought has its place in academia and is useful as a model to follow. But the ideas of others should serve as a springboard for your investigation.

7. Be precise. Use the correct form and correct spelling. If you aren't sure how to spell a word or what its precise meaning is, look it up!

- **Important note:**

  Your report must be written in your own words. Do not copy from references.

PRESENTATION CONTENT AND STYLE GUIDE

Basic Information:
- Presentation Time Distribution: Each student has a maximum of 5 minutes. Also, each group has a maximum of 5 minutes for discussion. Usually, each student presents 5-7 slides.

- Organization: The presentation should consist of the following:

  1. Cover slide contains the Project Title, Students' Names, Students' Numbers, and Students' emails.
  2. Outlines slide.
  3. Body of the presentation contains the Problem Description, Main Discussion, and Conclusions.

Presentation Evaluation:

The factors listed below are the basis for your grade on the project's presentation. You will be given a numerical rating in each category. The sum of the weighted ratings will be your grade on the presentation. Numbers in parentheses are the weight assigned to each factor.

- Organization of Presentation (5%): Your presentation should contain the following: Cover Slide, Outline slide, Problem Description, Main Discussion, and Conclusions.
- Statement of Purpose (5%): Your presentation must have a definite purpose/focus statement, which is clearly stated in the opening slides.
- Purpose Achieved (10%): A subjective evaluation of how well your presentation achieved its stated purpose.
- Main Discussion Content (20%): An assessment of the quality of the main content of the presentation from comparisons, adequate coverage, clarity of presentation, definitions, advantages, disadvantages, ethical and legal issues, etc.
- Original Contribution (5%): Originality can be provided through a critique, analysis, development of original ideas/examples, etc.
- Conclusions (5%): You must present some original conclusions, supported by sufficient detail in your presentation.
- Writing Quality (10%): An assessment of your presentation in terms of spelling, grammar, style, formatting, and organization.
- Organization of Ideas (15%): The flow of ideas was logical and the illustrations used were fit and well presented.
- Language Quality (10%): An assessment of your presentation in terms of English language, spelling, and grammar.
- Answering Questions (15%): How well did you answer related questions to your presentation?

- **Please note:**

  Each student may have a different grade on the last three above points (Organization of Ideas, Language Quality, and Answering Questions).

- **Important note:**

  Your presentation must be written in your own words. Do not copy from references.