

SafeAssign Originality Report

SOFTWARE DESIGN • Discuss the ethical issue related to the software (20%)

ONG ZHENG YANG -

Submission UUID: 656a749c-f291-ed4b-37f9-f9ca2fae82d4

Total Score:  High risk 44 %

Total Number of Reports

1

Highest Match

44 %

Task 5(1).pdf

Average Match

44 %

Submitted on

11/18/22

11:57 PM GMT+8

Average Word Count


1,301


Highest: Task 5(1).pdf


 Attachment 1 44 %Word Count: 1,301
Task 5(1).pdf


Institutional database (7)


43 %


 Student paper


 Student paper

 Student paper

 Student paper

 Student paper

 Student paper

 Student paper

Internet (1)

1 %

 wikipedia

Top sources (3)

 Student paper Student paper Student paper

Excluded sources (0)


 INTI International College Penang School of Engineering and Technology

3+0 Bachelor of Science (Hons) in Computing

in collaboration with Coventry University, UK


 Coursework cover sheet - Section A

Full Name: Ong Zheng Yang







 CU Student ID Number: P21013454

Semester: 1

Session: August 2022

Lecturer:  Nadhrah Abdul Hadi (nadhrah.abdulhadi@newinti.edu.my) Module Code and Title: 4067CEM Software Design

Assignment No. / Title: Continuous Assessment

 % of Module Mark: 50 Hand out Date: 6th September 2022Due Date: Task 1:  30 September 2022, by 11.59pm. Task 2:  18 November 2022, by 11.59pmTask 3:  4 November 2022, by 11.59pm. Task 4:  4 November 2022, by 11.59pm. Task 5:  4 November 2022, by 11.59pm.

Penalties: ① No late work will be accepted. ③ If you are unable to submit coursework on time due to extenuating circumstances, you may be eligible for an extension. ① Please consult the lecturer.

Declaration: ② I/we the undersigned confirm that I/we have read and agree to abide by the University regulations on plagiarism and cheating and Faculty coursework policies and procedures. ① I/we confirm that this piece of work is my/our own. ② I/we consent to appropriate storage of our work for plagiarism checking.

Signature(s):

③ Section B - To be completed by the module leader

Intended learning outcomes assessed by this work:

1. ② Understand and apply appropriate concepts, tools and techniques to each stage of the software development
2. ① Understand and apply design patterns to software components in developing new software
3. ② Demonstrate an understanding of project planning and working to agreed deadlines, along with professional, interpersonal skills and effective communication required for software production
5. ③ Demonstrate an awareness of, and ability to apply, social, professional, legal and ethical ② standards as documented in relevant laws and professional codes of conduct such as that of the Malaysian National Computer Confederation.

① Marking scheme Max Mark

1. ④ User Story Mapping

2. ③ Setting up a GitHub

Repository

3. ③ Creating a Class diagram and

② design pattern selection

4. ③ Creating a Prototype User

② Interface and Usability Testing

5. ③ Discuss the ethical issue

② related to the software

20

10

30

20

20

Total 100

The Ethical Issue Related to the System Assignment 5

⑤ 5.1 Personal Data Protection Act 2010

⑥ Malaysia's Personal Data Protection Act of 2010 went into force on November 15, 2013. The security of personal information used in business transactions is the focus of this statute. Only when an organization "processes" personal data are they required to adhere to the Act. Personal data processing includes gathering, recording, holding, storing, organizing, amending, revealing,

and destroying data. The following activities might be regarded as "processing," among others:

collecting data via forms, phone calls, or the internet; publishing; selling; recording; etc. The

⑦ "Personal Data Protection Law" outlines seven principles that must be adhered to while processing personal information: the general principle, the principles of attention and choice, openness, security, appointment, and data integrity, as well as the principles of openness, security, and access.

5.1.2 Friendly Buddy System

General Principal

A broad principle is the first Personal Data Protection Act 2010 in the Friendly Buddy System.

When processing personal data, the system will outline the rights and responsibilities of data users in the terms and conditions.

Notice and Choice Principle

Concern and choice are the second tenet of the Friendly Partner System Personal Data Protection Act of 2010. The terms and conditions for Friendly Buddy System will specify the reason for processing the user's personal data by or on behalf of the user, the reason for collection and subsequent notification to the user or correction of the personal data, as well as contact information and non-compliance with the processing of the personal data, the person. the option to ask for access to the findings.

Security Principle

Users of the Friendly Buddy System can decide whether to make their accounts public or private so that others can view the information on their profiles. Users must take reasonable precautions to guard against the loss, misuse, modification, unauthorized or accidental disclosure, alteration, or destruction of personal data.

Access Principle

The idea of access is the third tenet of the Friendly Buddy System Personal Data Protection Act of 2010. Users have the right to access personal information in the Friendly Buddy System. Users can select whether to utilize the location and notification data provided by the Friendly Buddy system.

5.1.3 Consequences of breaking the law

If the system does not protect user privacy and data, the penalty for non-compliance is RM100,000 to RM500,000 and 1 to 3 years in jail. (PricewaterhouseCoopers, 2022) Users will suffer serious consequences and be bothered for a very long time if the system's data and privacy are compromised. In this scenario, users' confidence in the system will also be damaged, and no one will dare to use it, regardless of how effective it is.

⑤ 5.2 Copyright Act 1987

Malaysia's Copyright Act, which went into force on December 1, 1987, governs the country's copyright laws. Copyright is to avoid any misuse of these resources or materials that might harm your company. The implementation of copyright laws ensures that exclusive rights are

restricted to the owner and, typically, for a finite amount of time. Films, sound recordings, broadcasts, literary works, creative works, musical works, and other media are all protected under copyright laws. A work's copyright owner is given the sole authority to carry out a limited number of acts with respect to that work. The creator of the work is the first owner of the copyright. Unless otherwise agreed, the employer shall be the initial owner of the copyright for the duration of the employee's employment if the work was made by an individual.

5.2.1 Friendly Buddy System

Copyright law: Software

The Friendly Buddy System's terms and conditions will specifically specify that web publishing and other Internet-based publications do not exempt the work from copyright laws. Regardless of the publication format, Friendly Buddy System still needs users' authorization to publish their posts.

5.2.3 Consequences of breaking the law

The inventor of the Friendly Buddy system should be adequately secured since if the copyright is not protected, it will constantly be copied. The friendly friend system should receive equitable treatment. If someone is proven to have violated a copyrighted work, they may be held accountable for hefty statutory damages for each such violation or, if the copyright owner can demonstrate intentional harm, for specific culpability for each such violation. The costs of the copyright owner's legal representation in enforcing their rights may also be charged to the works' violators.

⑧ 5.3.1 Ethics

Ethics are frequently disregarded when communicating on social media. The most frequent occurrence is the deliberate or unintentional use of several offensive words in online interactions. It would be fantastic if language used in online communication was suitable and respectful. Please always use the appropriate terminology when we speak with anyone on social media. Additionally, it's critical to refrain from bringing up racial, sexual, and violent topics. We ought to be careful not to spread information about a specific race or religion. Uploading violent images, such as pictures of car accidents or other violent scenes, should be avoided and only useful information should be shared.

5.3.2 Friendly Buddy System

These different conditions will be mentioned in the terms and conditions.

5.3.3 Consequences of breaking the ethic

If a user uploads unhealthy content and makes other users feel uncomfortable, it is also a very unqualified behavior. Users will be warned and delete account once they see users posting or uploading such information.

5.4 References

⑤ PricewaterhouseCoopers (2022) Personal Data Protection act 2010 (PDPA), PwC. Available at: <https://www.pwc.com/my/en/services/assurance/pdpa.html> (Accessed: ③ November 18, 2022).

Source Matches (39)

① Student paper 87%	
Student paper INTI International College Penang School of Engineering and Technology 3+0 Bachelor of Science (Hons) in Computing,	Original source INTI International College Penang School of Engineering and Technology 3+0 Bachelor of Science (Hons) in Computing, in collaboration with Coventry University, UK
① Student paper 82%	
Student paper Coursework cover sheet - Section A	Original source Coursework cover sheet
① Student paper 100%	
Student paper CU Student ID Number:	Original source CU Student ID Number
① Student paper 91%	
Student paper Nadhrach Abdul Hadi (nadhrach.abdulhadi@newinti.edu.my) Module Code and Title: 4067CEM Software Design	Original source Nadhrach Abdul Hadi (nadhrach.abdulhadi@newinti.edu.my) 4067CEM Software Design
② Student paper 100%	
Student paper % of Module Mark:	Original source % of Module Mark
① Student paper 100%	
Student paper Hand out Date:	Original source Hand out Date
③ Student paper 100%	
Student paper 30 September 2022, by 11.59pm.	Original source 30 September 2022, by 11.59pm
③ Student paper 100%	
Student paper 18 November 2022, by 11.59pm	Original source 18 November 2022, by 11.59pm
③ Student paper 100%	
Student paper 4 November 2022, by 11.59pm.	Original source 4 November 2022, by 11.59pm

<div> <div>3</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>4 November 2022, by 11.59pm.</div>	<div>Original source</div> <div>4 November 2022, by 11.59pm</div>
<div> <div>3</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>4 November 2022, by 11.59pm.</div>	<div>Original source</div> <div>4 November 2022, by 11.59pm</div>
<div> <div>1</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>No late work will be accepted.</div>	<div>Original source</div> <div>No late work will be accepted</div>
<div> <div>3</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>If you are unable to submit coursework on time due to extenuating circumstances, you may be eligible for an extension.</div>	<div>Original source</div> <div>If you are unable to submit coursework on time due to extenuating circumstances, you may be eligible for an extension</div>
<div> <div>1</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Please consult the lecturer.</div>	<div>Original source</div> <div>Please consult the lecturer</div>
<div> <div>2</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>I/we the undersigned confirm that I/we have read and agree to abide by the University regulations on plagiarism and cheating and Faculty coursework policies and</div>	<div>Original source</div> <div>I/we the undersigned confirm that I/we have read and agree to abide by the University regulations on plagiarism and cheating and Faculty coursework policies and</div>
<div> <div>1</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>I/we confirm that this piece of work is my/our own.</div>	<div>Original source</div> <div>I/we confirm that this piece of work is my/our own</div>
<div> <div>2</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>I/we consent to appropriate storage of our work for plagiarism checking.</div>	<div>Original source</div> <div>I/we consent to appropriate storage of our work for plagiarism checking</div>
<div> <div>3</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Section B - To be completed by the module leader Intended learning outcomes assessed by this work:</div>	<div>Original source</div> <div>Section B - To be completed by the module leader Intended learning outcomes assessed by this work</div>

<div> <div>2</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Understand and apply appropriate concepts, tools and techniques to each stage of the</div>	<div>Original source</div> <div>Understand and apply appropriate concepts, tools and techniques to each stage of the</div>
<div> <div>1</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Understand and apply design patterns to software components in developing new software</div>	<div>Original source</div> <div>Understand and apply design patterns to software components in developing new software</div>
<div> <div>2</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Demonstrate an understanding of project planning and working to agreed deadlines, along with professional, interpersonal skills and effective communication required for software</div>	<div>Original source</div> <div>Demonstrate an understanding of project planning and working to agreed deadlines, along with professional, interpersonal skills and effective communication required for software</div>
<div> <div>3</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Demonstrate an awareness of, and ability to apply, social, professional, legal and ethical</div>	<div>Original source</div> <div>Demonstrate an awareness of, and ability to apply, social, professional, legal and ethical</div>
<div> <div>2</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>standards as documented in relevant laws and professional codes of conduct such as that of the Malaysian National Computer Confederation.</div>	<div>Original source</div> <div>standards as documented in relevant laws and professional codes of conduct such as that of the Malaysian National Computer Confederation</div>
<div> <div>1</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Marking scheme Max Mark</div>	<div>Original source</div> <div>Marking scheme Max Mark</div>
<div> <div>4</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>User Story Mapping</div>	<div>Original source</div> <div>User Mapping Story</div>
<div> <div>3</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Setting up a GitHub</div>	<div>Original source</div> <div>Setting up a GitHub</div>
<div> <div>3</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Creating a Class diagram and</div>	<div>Original source</div> <div>Creating a Class diagram and</div>

<div> <div>2</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>design pattern selection</div>	<div>Original source</div> <div>design pattern selection</div>
<div> <div>3</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Creating a Prototype User</div>	<div>Original source</div> <div>Creating a Prototype User</div>
<div> <div>2</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Interface and Usability Testing</div>	<div>Original source</div> <div>Interface and Usability Testing</div>
<div> <div>3</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>Discuss the ethical issue</div>	<div>Original source</div> <div>Discuss the ethical issue</div>
<div> <div>2</div> <div>Student paper</div> </div> <div>100%</div>	
<div>Student paper</div> <div>related to the software</div>	<div>Original source</div> <div>related to the software</div>
<div> <div>5</div> <div>Student paper</div> </div> <div>71%</div>	
<div>Student paper</div> <div>5.1 Personal Data Protection Act 2010</div>	<div>Original source</div> <div>Personal Data Protection Act 2010 (PDPA)</div>
<div> <div>6</div> <div>Student paper</div> </div> <div>66%</div>	
<div>Student paper</div> <div>Malaysia's Personal Data Protection Act of 2010 went into force on November 15, 2013.</div>	<div>Original source</div> <div>About the privacy part of our websites is that we follow The Personal Data Protection Act 2010(PDPA) Which came into force on 15 November 2013</div>
<div> <div>7</div> <div>wikipedia</div> </div> <div>72%</div>	
<div>Student paper</div> <div>"Personal Data Protection Law"</div>	<div>Original source</div> <div>"Implementing Data Protection in Law"</div>
<div> <div>5</div> <div>Student paper</div> </div> <div>62%</div>	
<div>Student paper</div> <div>5.2 Copyright Act 1987</div>	<div>Original source</div> <div>Copyright Act 1987 (Malaysia)</div>
<div> <div>8</div> <div>Student paper</div> </div> <div>66%</div>	
<div>Student paper</div> <div>5.3.1 Ethics</div>	<div>Original source</div> <div>1 2 3 4 5</div>

<div><div>5</div><div>Student paper</div></div> <div>76%</div>	
<div>Student paper</div> <div>PricewaterhouseCoopers (2022) Personal Data Protection act 2010 (PDPA), PwC.</div>	<div>Original source</div> <div>Personal Data Protection Act 2010 (PDPA)</div>

<div><div>3</div><div>Student paper</div></div> <div>67%</div>	
<div>Student paper</div> <div>November 18, 2022).</div>	<div>Original source</div> <div>18 November 2022, by 11.59pm</div>