SafeAssign Originality Report

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

ARSYAD HASSAN BIN SEGU HASAN GANI -

Total Score: High risk 59 %

Submission UUID: 919d1d83-5944-51f2-8db4-4c216d254347

Total Number of Reports	Highest Match	Average Match	Submitted on	Average Word Count
1	59 % Software Design Task 5.docx	59 %	11/18/22 11:26 PM GMT+8	1,311 Highest: Software Design Task 5.docx

Attachment 1 59 %

Word Count: 1,311
Software Design Task 5.docx

Institutional database (2) 58 %

(2) *Student paper*

(1) *Student paper*

Internet (1) 1 %

(3) *itrainingexpert*

Top sources (3)

(2) *Student paper*

(1) *Student paper*

(3) *itrainingexpert*

Excluded sources (0)

(1) INTI International College Penang School of Engineering and Technology

3+0 Bachelor of Science (Hons) in Computer Science, in collaboration with Coventry University, UK

3+0 Bachelor of Science (Hons) in Computing, in collaboration with Coventry University, UK

Coursework cover sheet

(2) Section A - To be completed by the student Full Name: ARSYAD HASSAN BIN SEGU HASAN GANI

(1) CU Student ID Number: P22014749

Semester: 1

Session: August 2022

Lecturer: (1) Nadhrah Abdul Hadi (nadhrah.abdulhadi@newinti.edu.my)

Module Code and Title: 4067CEM Software Design

Assignment No. / Title: (2) Continuous Assessment % of Module Mark: 50

(1) Hand out Date: (2) 6th September 2022 Due Date: Task 1: (1) 30 September 2022, by 11.59pm. Task 2: (1) 18 November 2022, by 11.59pm

Task 3: (1) 4 November 2022, by 11.59pm. Task 4: (1) 4 November 2022, by 11.59pm. Task 5: (1) 4 November 2022, by 11.59pm.

Penalties: (1) No late work will be accepted. (2) 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): _____ARSYAD_____

(2) 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. (2) Demonstrate an awareness of, and ability to apply, social, professional, legal and ethical 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. (2) User Story Mapping 2. Setting up a GitHub Repository 3. Creating a Class diagram and design pattern selection

4. (2) Creating a Prototype User Interface and Usability Testing 5. Discuss the ethical issue related to the software 20

10

30

20

20

Total 100

(2) Task 5 – Discuss the ethical issue related to the software (20 marks) Discuss and do a critical analysis of your software in this areas, privacy concerns, intellectual property rights and effects on the society. (1) Output – A report in Word format, uploaded to GitHub.

The effects of information systems extend well beyond the realm of commerce. As new technologies emerge, we are faced with challenges we have never faced before. How do we best manage the expanded powers made possible by these gadgets? What brand-new regulations will be essential to shield us from our own stupidity? Next, brand-new legislative frameworks, with an emphasis on IP and privacy, will be established.

(3) Personal Data Protection Act 2010

The PDPA prevents the inappropriate disclosure of private information. Data about an identifiable individual that is gathered or processed in the course of a business transaction using mechanical or electronic means (such an ATM or a computer) is known as "personal data" (a.k.a. data subject). Information such as names, addresses, ID/passport numbers, emails, phone numbers, and account information falls under the aforementioned description. The primary goal of this division is to ensure that Users' Data is utilised appropriately and that no personal information is compromised throughout the course of business dealings. The PDPA mandates user privacy safeguards for the commercial storage and processing of personal data of individuals, public and private sectors in Malaysia. To ensure the safety of customers and the general public, the PDPA is enforced by the JPDP, which has demanded compliance from any and all Personal Data User Groups consisting of individuals or private parties that are not officially registered by the government. In this Buddy System, whenever a user creates an account, all their personal details such as name, contact number, address, and so on will stored in the database. Moreover, all the database is protected in the the law called Personal Data Protection Act 2010. So, users do not have to worry about anything such as getting their informations leaked anywhere. This is one of the security system that we managed to develop in this system so that all the personal informations of the users cannot be breached by anyone.

Copyright Act 1997

The Copyright Act will be the next law enforced by this mechanism. The intellectual property law safeguards the rights of individuals to their own original works of creation. For instance, if a person discovers that his or her artwork or article has been duplicated, that person has the right to sue for infringement of his or her copyright. If the creator sues over an unauthorised use of their work, they may be able to recover financial damages.

The copyright statute protects a wide variety of creative outputs, including software, motion pictures, and more. The work may only be copied, lent, or shown publicly by the owner of the copyright. Protecting one's work against Infringements is the responsibility of the creator.

Copyright holders have the legal right to forbid anyone from making copies of their work or significant portions of their work without their express permission. Owners of copyright fundamentally have extensive rights over their works, and these rights can be exploited in a variety of profitable ways, since they can block the translation, modification, and transformation of their work and applications thereof.

In this system, the Copyright Act has been enforced so that this system is protected and safe. In addition, every system needs to be protected and safe because every owner of the copyright will not want their hardwork to be just copied by other people. This system is owned by INTI College Penang and all the copyright are also owned by them. The users of this system does not have any ownership in this system too. As you can see in the “Create Account” page in this system, users just have to agree to the terms and conditions only to start their journey in the apps. Therefore, if anyone try to copy this system or steal the design, INTI College Penang has all its rights to sue them under the law called Copyright Act 1997 which will lead to court cases.

Identity Theft

One definition of identity theft is the fraudulent exploitation of another person's personal or financial information to engage in illegal activities. There are numerous methods by which identity theft can be performed, and all of them leave victims with negative consequences to their credit, finances, and reputation. An individual's identity can be stolen if they give out sensitive information like their Social Security Number, bank account number, or credit card number. There are numerous techniques that can be used to perform identity theft. Some people who steal identities go through garbage cans looking for financial documents. To obtain client lists, more sophisticated methods entail hacking into company databases. Identity thieves can do significant damage to a person's credit and reputation once they obtain the information they need. Identity thieves are increasingly turning to computers to steal people's private data for use in fraudulent activities. Machines can be hacked, public documents can be accessed online, computers can be infected with malware designed to glean information, people can browse social networking sites, and people can be tricked into giving up personal information by email or text message. In this Buddy System, all personal information that users key in will be safely protected. The impact of Identity Theft is it will lead to the leaking of all user’s information. To prevent this, we developed this system highly secured in the merge with the PDPA law so that this problems can be prevented.

Source Matches (29)

1 Student paper 100%

Student paper	Original source
INTI International College Penang School of Engineering and Technology 3+0 Bachelor of Science (Hons) in Computer Science, in collaboration with Coventry University, UK 3+0 Bachelor of Science (Hons) in Computing, in collaboration with Coventry University, UK Coursework cover sheet	INTI International College Penang School of Engineering and Technology 3+0 Bachelor of Science (Hons) in Computer Science, in collaboration with Coventry University, UK 3+0 Bachelor of Science (Hons) in Computing, in collaboration with Coventry University, UK Coursework cover sheet

2 Student paper 100%

Student paper	Original source
Section A - To be completed by the student Full Name:	Section A - To be completed by the student Full Name

1 Student paper 100%

Student paper	Original source
CU Student ID Number:	CU Student ID Number

1 Student paper 100%

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

2 Student paper 100%

Student paper	Original source
Continuous Assessment % of Module Mark:	Continuous Assessment % of Module Mark

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Student paper	Original source
Hand out Date:	Hand out Date

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Student paper	Original source
6th September 2022 Due Date:	6th September 2022 Due Date

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4 November 2022, by 11.59pm.	4 November 2022, by 11.59pm

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Student paper	Original source
No late work will be accepted.	No late work will be accepted

2 Student paper 100%

Student paper	Original source
If you are unable to submit coursework on time due to extenuating circumstances, you may be eligible for an extension.	If you are unable to submit coursework on time due to extenuating circumstances, you may be eligible for an extension

1 Student paper 100%

Student paper	Original source
Please consult the lecturer.	Please consult the lecturer

2 Student paper 100%

Student paper	Original source
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.	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 Student paper 100%

Student paper	Original source
I/we confirm that this piece of work is my/our own.	I/we confirm that this piece of work is my/our own

2 Student paper 100%

Student paper	Original source
I/we consent to appropriate storage of our work for plagiarism checking.	I/we consent to appropriate storage of our work for plagiarism checking

2 Student paper 100%

Student paper	Original source
Section B - To be completed by the module leader Intended learning outcomes assessed by this work:	Section B - To be completed by the module leader Intended learning outcomes assessed by this work

2 Student paper 100%

Student paper	Original source
Understand and apply appropriate concepts, tools and techniques to each stage of the software development	Understand and apply appropriate concepts, tools and techniques to each stage of the software development

1 *Student paper* 100%

Student paper	Original source
Understand and apply design patterns to software components in developing new software	Understand and apply design patterns to software components in developing new software

2 *Student paper* 100%

Student paper	Original source
Demonstrate an understanding of project planning and working to agreed deadlines, along with professional, interpersonal skills and effective communication required for software production	Demonstrate an understanding of project planning and working to agreed deadlines, along with professional, interpersonal skills and effective communication required for software production

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Student paper	Original source
Demonstrate an awareness of, and ability to apply, social, professional, legal and ethical standards as documented in relevant laws and professional codes of conduct such as that of the Malaysian National Computer Confederation.	Demonstrate an awareness of, and ability to apply, social, professional, legal and ethical standards as documented in relevant laws and professional codes of conduct such as that of the Malaysian National Computer Confederation

1 *Student paper* 100%

Student paper	Original source
Marking scheme Max Mark	Marking scheme Max Mark

2 *Student paper* 100%

Student paper	Original source
User Story Mapping 2. Setting up a GitHub Repository 3. Creating a Class diagram and design pattern selection	User Story Mapping 2 Setting up a GitHub Repository 3 Creating a Class diagram and design pattern selection

2 *Student paper* 100%

Student paper	Original source
Creating a Prototype User Interface and Usability Testing 5. Discuss the ethical issue related to the software 20	Creating a Prototype User Interface and Usability Testing 5 Discuss the ethical issue related to the software 20

2 *Student paper* 100%

Student paper	Original source
Task 5 – Discuss the ethical issue related to the software (20 marks) Discuss and do a critical analysis of your software in this areas, privacy concerns, intellectual property rights and effects on the society.	Task 5 – Discuss the ethical issue related to the software (20 marks) Discuss and do a critical analysis of your software in this areas, privacy concerns, intellectual property rights and effects on the society

1 *Student paper* 100%

Student paper	Original source
Output – A report in Word format, uploaded to GitHub.	Output – A report in Word format, uploaded to GitHub

3 *itrainingexpert* 71%

Student paper	Original source
Personal Data Protection Act 2010	Personal Data Protection Act 2010 [Relevant sections] 3