

SafeAssign Originality Report

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

KEVIN GOH WING CHIEN -

Total Score:  High risk 100 %

Submission UUID: 26f7ab8b-9aec-d903-d427-51cfbf9b67aa

Total Number of Reports	Highest Match	Average Match	Submitted on	Average Word Count
2	100 % 4067CEM_AUG2022_ContinuousAssessm...	100 %	11/24/22 12:16 AM GMT+8	1,424 Highest: 4067CEM_AUG2022_Continuous...

 Attachment 1 100 % Word Count: 1,417
4067CEM_AUG2022_ContinuousAssessment Task 3.docx

Institutional database (1) 100 %

① My paper

Top sources (1)

① My paper

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

Section A - To be completed by the student Full Name: KEVIN GOH WING CHIEN

CU Student ID Number: 13446927

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: ① Continuous Assessment % of Module Mark: 50

① Hand out Date: 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. If you are unable to submit coursework on time due to extenuating circumstances, you may be eligible for an extension. Please consult the lecturer.

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

Signature(s): KEVIN

① Section B - To be completed by the module leader Intended learning outcomes assessed by this work: 1. ① 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. (1) Demonstrate an understanding of project planning and working to agreed deadlines, along with professional, interpersonal skills and effective communication required for software production
5. (1) 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.

Marking scheme Max Mark

1. (1) User Story Mapping 2. Setting up a GitHub Repository 3. Creating a Class diagram and design pattern selection
4. (1) Creating a Prototype User Interface and Usability Testing 5. Discuss the ethical issue related to the software 20

10

30

20

20

Total 100

(1) The 4067CEM assessment should be completed as a full individual work over the course of the module. The assessment output are only judged at the end of the module and not by the expectations during that week. The assessment should be undertaken individually. All submissions will be checked against each other and the internet for possible plagiarism.

Activities – These activities consists of 50% of your coursework marks. It will be run throughout the semester and there will be a final submission at the end of the semester. These activities consists of activities that will be done in a software design phase.

System

- (1) College Buddy System for Students.

Task 3 – Creating a Class diagram and design pattern selection (30 marks) Create a simple Class diagram which should consists of the Classes that might be used to represent the system and the association between them. You don't have to declare the attributes and operations for this activity. You do have to explain the class responsibility of each class declared. You can use software like StarUML to complete this activity. Output – A class diagram containing classes and associations. In Word format, uploaded to GitHub. Consider the problem and select a suitable design pattern that can be implemented on the problem. Give justification on why the design pattern was chosen. Draw the UML diagram representing your class diagram as a design pattern UML. Include all the abstract class/interface, concrete class and inheritance (if any) used to represent the problem. Output – UML diagram representing the design pattern. In Word format, uploaded to GitHub. Due – Week 11 of the semester. 4 November 2022, by 11.59pm.

College Buddy System Class Diagram

Issue: (1) The College Buddy System is created mainly for INTI College Penang students to forge a network with other students within the campus. However, this may not always be the case. There might be a possibility to include other entities such as students from other college or even lecturers from other universities. If other entities were to be incorporated into system, large changes will have to be made. It would be a hassle to modify the code every time when an entity has to be added. Design pattern selection: Hence the design pattern that was selected to resolve this issue is the Factory Method. This method recommends to replace the direct object construction calls with calls

to special factory method. Submission

- (1) All tasks needed to be documented in Word format and submitted for SafeAssign checking (Links will be provided before the due date). Upload the document and the SafeAssign report to your GitHub repository by each task due date. Due – It will be accessed at Week 13 of the semester. 18 November 2022, by 11.59pm

Marking Rubric for Continuous Assessment

- (1) Marks Below 40% Marks in the range 40 – 49% Marks in the range

50 – 59% Marks in the range 60 – 69% Marks 70% and above

User Story

- (1) Mapping (20 marks) User Story Mapping not done or User Story copied/does not match the exact system. User Story Mapping done at a minimum level and does not capture the important activities of the system. User Story Mapping done and does capture several important activities of the system. The breakdown of the user story mapping can be improved. User Story Mapping done and does capture several important activities of the system. The breakdown of the user story mapping is good and uses software that can assist that process (For example Miro compared to Ms Word). User Story Mapping done and does capture most important activities of the system. The breakdown of the

user story mapping is excellent and uses software that can assist that process (For example Miro compared to Ms Word).

① Setting up a

GitHub

① Repository (10 marks)

GitHub repository does not exist or cannot be accessed or the required files are not available at the time of access. GitHub repository exist and some of the required files are not available at the time of access. GitHub repository exist and most of the required files are available at the time of access. However the dates does not follow the required deadline. GitHub repository exist and all of the required files are available at the time of access. However the dates for some files does not follow the required deadline. GitHub repository exist and all of the required files are available at the time of access. The dates on the files follows the required deadline.

Creating a Class diagram and design pattern selection (30 marks) The Class diagram does not represent the required solution (contains generic or non-related classes such as admin), the design pattern suggested is not suitable for the given problem. The Class diagram and design pattern represent the required solution but in a very general and incomplete way. Required classes in the design are not declared. The Class diagram and design pattern represent the required solution in a partial way. A few required classes in the design are not declared. The Class diagram and design pattern represent the required solution in a satisfactory way. Most required classes are declared. The Class diagram and design pattern represent the required solution in an excellent way. All required classes are declared.

Creating a

Prototype User

Interface and

① Usability Testing (20 marks) No prototype were available or the measurement for the usability testing is not clear. The prototype cover minimalist and trivial design (such as login) and the measurements for the usability testing are not clear. The prototype cover adequate design and several measurements for the usability testing are not clear. The prototype cover good design and most measurements for the usability testing are clear. The prototype cover excellent design and all measurements for the usability testing are clear.

Discuss the

ethical issue

① related to the

software (20 marks) There is no discussion on the ethical issue or only the theories are pasted back for this component. There is an attempt to discuss on the ethical issue but no critical

analysis was done There is an attempt to discuss on the ethical issue with some critical

analysis was done There is an attempt to discuss on the ethical issue with good critical analysis. There is an attempt to discuss on the ethical issue with excellent critical analysis.

Source Matches (43)

My paper		100%
Student paper 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	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	

My paper		100%
Student paper Section A - To be completed by the student Full Name: KEVIN GOH WING CHIEN CU Student ID Number:	Original source Section A - To be completed by the student Full Name KEVIN GOH WING CHIEN CU Student ID Number	

 My paper		100%
Student paper Nadrah Abdul Hadi (nadrah.abdulhadi@newinti.edu.my) Module Code and Title: 4067CEM Software Design	Original source Nadrah Abdul Hadi (nadrah.abdulhadi@newinti.edu.my) Module Code and Title 4067CEM Software Design	
 My paper		100%
Student paper Continuous Assessment % of Module Mark:	Original source Continuous Assessment % of Module Mark	
 My paper		100%
Student paper Hand out Date: 6th September 2022 Due Date:	Original source Hand out Date 6th September 2022 Due Date	
 My paper		100%
Student paper 30 September 2022, by 11.59pm.	Original source 30 September 2022, by 11.59pm	
 My paper		100%
Student paper 18 November 2022, by 11.59pm	Original source 18 November 2022, by 11.59pm	
 My paper		100%
Student paper 4 November 2022, by 11.59pm.	Original source 4 November 2022, by 11.59pm	
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Student paper No late work will be accepted. If you are unable to submit coursework on time due to extenuating circumstances, you may be eligible for an extension. Please consult the lecturer.	Original source No late work will be accepted If you are unable to submit coursework on time due to extenuating circumstances, you may be eligible for an extension Please consult the lecturer	

 My paper	100%
Student paper 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 confirm that this piece of work is my/our own. I/we consent to appropriate storage of our work for plagiarism checking.	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 confirm that this piece of work is my/our own I/we consent to appropriate storage of our work for plagiarism checking

 My paper	100%
Student paper Section B - To be completed by the module leader Intended learning outcomes assessed by this work:	Original source Section B - To be completed by the module leader Intended learning outcomes assessed by this work

 My paper	100%
Student paper Understand and apply appropriate concepts, tools and techniques to each stage of the software development	Original source Understand and apply appropriate concepts, tools and techniques to each stage of the software development

 My paper	100%
Student paper Understand and apply design patterns to software components in developing new software	Original source Understand and apply design patterns to software components in developing new software

 My paper	100%
Student paper Demonstrate an understanding of project planning and working to agreed deadlines, along with professional, interpersonal skills and effective communication required for software production	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

 My paper	100%
Student paper 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. Marking scheme Max Mark	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 Marking scheme Max Mark

 My paper	100%
Student paper User Story Mapping 2. Setting up a GitHub Repository 3. Creating a Class diagram and design pattern selection	Original source User Story Mapping 2 Setting up a GitHub Repository 3 Creating a Class diagram and design pattern selection

 My paper	100%
Student paper Creating a Prototype User Interface and Usability Testing 5. Discuss the ethical issue related to the software 20	Original source Creating a Prototype User Interface and Usability Testing 5 Discuss the ethical issue related to the software 20

 My paper	100%
<p>Student paper</p> <p>The 4067CEM assessment should be completed as a full individual work over the course of the module. The assessment output are only judged at the end of the module and not by the expectations during that week. The assessment should be undertaken individually. All submissions will be checked against each other and the internet for possible plagiarism.</p>	<p>Original source</p> <p>The 4067CEM assessment should be completed as a full individual work over the course of the module. The assessment output are only judged at the end of the module and not by the expectations during that week. The assessment should be undertaken individually. All submissions will be checked against each other and the internet for possible plagiarism</p>

 My paper	100%
<p>Student paper</p> <p>Activities – These activities consists of 50% of your coursework marks. It will be run throughout the semester and there will be a final submission at the end of the semester. These activities consists of activities that will be done in a software design phase.</p>	<p>Original source</p> <p>Activities – These activities consists of 50% of your coursework marks. It will be run throughout the semester and there will be a final submission at the end of the semester. These activities consists of activities that will be done in a software design phase</p>

 My paper	100%
<p>Student paper</p> <p>College Buddy System for Students. Task 3 – Creating a Class diagram and design pattern selection (30 marks) Create a simple Class diagram which should consists of the Classes that might be used to represent the system and the association between them. You don't have to declare the attributes and operations for this activity. You do have to explain the class responsibility of each class declared.</p>	<p>Original source</p> <p>College Buddy System for Students Task 3 – Creating a Class diagram and design pattern selection (30 marks) Create a simple Class diagram which should consists of the Classes that might be used to represent the system and the association between them. You don't have to declare the attributes and operations for this activity. You do have to explain the class responsibility of each class declared</p>

 My paper	100%
<p>Student paper</p> <p>You can use software like StarUML to complete this activity. Output – A class diagram containing classes and associations. In Word format, uploaded to GitHub. Consider the problem and select a suitable design pattern that can be implemented on the problem.</p>	<p>Original source</p> <p>You can use software like StarUML to complete this activity. Output – A class diagram containing classes and associations. In Word format, uploaded to GitHub. Consider the problem and select a suitable design pattern that can be implemented on the problem</p>

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 My paper	100%
<p>Student paper</p> <p>In Word format, uploaded to GitHub. Due – Week 11 of the semester. 4 November 2022, by 11.59pm. College Buddy System Class Diagram</p>	<p>Original source</p> <p>In Word format, uploaded to GitHub. Due – Week 11 of the semester. 4 November 2022, by 11.59pm. College Buddy System Class Diagram</p>

 My paper	100%
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 My paper	100%
Student paper It would be a hassle to modify the code every time when an entity has to be added. Design pattern selection: Hence the design pattern that was selected to resolve this issue is the Factory Method. This method recommends to replace the direct object construction calls with calls	Original source It would be a hassle to modify the code every time when an entity has to be added Design pattern selection Hence the design pattern that was selected to resolve this issue is the Factory Method This method recommends to replace the direct object construction calls with calls

 My paper	100%
Student paper to special factory method.	Original source to special factory method

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Student paper Marking Rubric for Continuous Assessment Marks Below 40% Marks in the range 40 – 49% Marks in the range 50 – 59% Marks in the range 60 – 69% Marks 70% and above	Original source Marking Rubric for Continuous Assessment Marks Below 40% Marks in the range 40 – 49% Marks in the range 50 – 59% Marks in the range 60 – 69% Marks 70% and above

 My paper	100%
Student paper Mapping (20 marks) User Story Mapping not done or User Story copied/does not match the exact system. User Story Mapping done at a minimum level and does not capture the important activities of the system. User Story Mapping done and does capture several important activities of the system. The breakdown of the user story mapping can be improved.	Original source Mapping (20 marks) User Story Mapping not done or User Story copied/does not match the exact system User Story Mapping done at a minimum level and does not capture the important activities of the system User Story Mapping done and does capture several important activities of the system The breakdown of the user story mapping can be improved

 My paper	100%
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 My paper	100%
Student paper user story mapping is excellent and uses software that can assist that process (For example Miro compared to Ms	Original source user story mapping is excellent and uses software that can assist that process (For example Miro compared to Ms

 My paper	100%
Student paper Setting up a	Original source Setting up a

 My paper		100%
Student paper Repository (10 marks) GitHub repository does not exist or cannot be accessed or the required files are not available at the time of access. GitHub repository exist and some of the required files are not available at the time of access. GitHub repository exist and most of the required files are available at the time of access.	Original source Repository (10 marks) GitHub repository does not exist or cannot be accessed or the required files are not available at the time of access GitHub repository exist and some of the required files are not available at the time of access GitHub repository exist and most of the required files are available at the time of access	

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Student paper However the dates does not follow the required deadline. GitHub repository exist and all of the required files are available at the time of access. However the dates for some files does not follow the required deadline. GitHub repository exist and all of the required files are available at the time of access.	Original source However the dates does not follow the required deadline GitHub repository exist and all of the required files are available at the time of access However the dates for some files does not follow the required deadline GitHub repository exist and all of the required files are available at the time of access	

 My paper		100%
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Student paper The Class diagram and design pattern represent the required solution in an excellent way. All required classes are declared.	Original source The Class diagram and design pattern represent the required solution in an excellent way All required classes are declared	

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Student paper Usability Testing (20 marks) No prototype were available or the measurement for the usability testing is not clear. The prototype cover minimalist and trivial design (such as login) and the measurements for the usability testing are not clear. The prototype cover adequate design and several measurements for the usability testing are not clear. The prototype cover good design and most measurements for the usability testing are clear.	Original source Usability Testing (20 marks) No prototype were available or the measurement for the usability testing is not clear The prototype cover minimalist and trivial design (such as login) and the measurements for the usability testing are not clear The prototype cover adequate design and several measurements for the usability testing are not clear The prototype cover good design and most measurements for the usability testing are clear	

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Student paper The prototype cover excellent design and all measurements for the usability testing are clear.	Original source The prototype cover excellent design and all measurements for the usability testing are clear	

 My paper	100%
Student paper related to the software (20 marks) There is no discussion on the ethical issue or only the theories are pasted back for this component. There is an attempt to discuss on the ethical issue but no critical analysis was done There is an attempt to discuss on the ethical issue with some critical	Original source related to the software (20 marks) There is no discussion on the ethical issue or only the theories are pasted back for this component There is an attempt to discuss on the ethical issue but no critical analysis was done There is an attempt to discuss on the ethical issue with some critical

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Student paper analysis was done There is an attempt to discuss on the ethical issue with good critical analysis. There is an attempt to discuss on the ethical issue with excellent critical analysis.	Original source analysis was done There is an attempt to discuss on the ethical issue with good critical analysis There is an attempt to discuss on the ethical issue with excellent critical analysis

 Attachment 2 100 %

Word Count: 1,431
4067CEM_AUG2022_ContinuousAssessment Task 3.pdf

Institutional database (1)

100 %

 My paper

Top sources (1)

 My paper

Excluded sources (0)

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Coursework cover sheet

Section A - To be completed by the student

Full Name:

 KEVIN GOH WING CHIEN

CU Student ID Number:

13446927

Semester:

1

Session:

August 2022

Lecturer:

 Nadhrah Abdul Hadi (nadhrah.abdulhadi@newinti.edu.my) Module Code and Title:

4067CEM Software Design

Assignment No. / Title:

(1) Continuous Assessment % of Module Mark:

50

(1) Hand out Date:

6th September 2022

Due Date:

Task 1: (1) 30 September 2022, by 11.59pm. Task 2: (1) 18 November 2022, by 11.59pm

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Signature(s): KEVIN

(1) Section B - To be completed by the module leader

Intended learning outcomes assessed by this work:

1. (1) 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
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1. (1) User Story Mapping
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System

① College Buddy System for Students.

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Create a simple Class diagram which should consists of the Classes that might be used to represent the system and the association between them. You don't have to declare the attributes and operations for this activity. You do have to explain the class responsibility of each class declared. ① You can use software like StarUML to complete this activity.

Output – A class diagram containing classes and associations. In Word format, uploaded to GitHub.

Consider the problem and select a suitable design pattern that can be implemented on the problem. Give justification on why the design pattern was chosen. Draw the UML diagram representing your

class diagram as a design pattern UML. Include all the abstract class/interface, concrete class and inheritance (if any) used to represent the problem.

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College Buddy System Class Diagram

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① Marks in the range

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① Marks in the range

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① Marks 70% and

above

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User Story Mapping

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① User Story Mapping

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① Setting up a

GitHub

① Repository (10 marks)

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① the dates does not

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deadline.

① GitHub repository exist

and all of the required

files are available at

the time of access. However the dates for

some files does not

follow the required
deadline.

GitHub repository

① exist and all of the

required files are
available at the time
of access. The dates

① on the files follows
the required
deadline.

Creating a

Class diagram

and design

pattern

① selection (30 marks)

The Class diagram

does not represent
the required solution (contains generic or
non-related classes
such as admin), the
design pattern

① suggested is not
suitable for the given
problem.

① The Class diagram

and design pattern
represent the

① required solution but
in a very general and
incomplete way. ① Required classes in
the design are not
declared.

① The Class diagram

and design pattern
represent the

① required solution in a
partial way. A few
① required classes in
the design are not
declared.

① The Class diagram

and design pattern
represent the required
solution in a
satisfactory way. Most

① required classes are
declared.

① The Class diagram

and design pattern
represent the

① required solution in
an excellent way. All

① required classes are
declared.

Creating a

Prototype User

Interface and

Usability

① Testing (20 marks)

No prototype were
available or the
measurement for the
usability testing is
not clear.

① The prototype cover

minimalist and trivial
design (such as

login) and the
measurements for

① the usability testing
are not clear.

The prototype cover

adequate design and
several
measurements for

① the usability testing
are not clear.

The prototype cover

good design and most
measurements for the

usability testing are

clear.

① The prototype cover

excellent design and

all measurements for

the usability testing

are clear.

Discuss the

ethical issue

① related to the

software (20 marks)

There is no

discussion on the

ethical issue or only

the theories are

pasted back for this

component.

① There is an attempt

to discuss on the

ethical issue but no

critical

① analysis was done

There is an attempt

to discuss on the

ethical issue with

some critical

① analysis was done

There is an attempt to

discuss on the ethical

issue with good critical

analysis.

① There is an attempt

to discuss on the

ethical issue with

excellent critical

analysis.

① System Task 3 – Creating a Class diagram and design patte to special factory method. Submission

 My paper		100%
Student paper 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	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	

 My paper		100%
Student paper Section A - To be completed by the student	Original source Section A - To be completed by the student	

 My paper		100%
Student paper KEVIN GOH WING CHIEN CU Student ID Number:	Original source KEVIN GOH WING CHIEN CU Student ID Number	

 My paper		100%
Student paper Nadrah Abdul Hadi (nadrah.abdulhadi@newinti.edu.my) Module Code and Title: 4067CEM Software Design	Original source Nadrah Abdul Hadi (nadrah.abdulhadi@newinti.edu.my) Module Code and Title 4067CEM Software Design	

 My paper		100%
Student paper Continuous Assessment % of Module Mark:	Original source Continuous Assessment % of Module Mark	

 My paper		100%
Student paper Hand out Date:	Original source Hand out Date	

 My paper		100%
Student paper 30 September 2022, by 11.59pm.	Original source 30 September 2022, by 11.59pm	

 My paper		100%
Student paper 18 November 2022, by 11.59pm	Original source 18 November 2022, by 11.59pm	

 My paper		100%
Student paper 4 November 2022, by 11.59pm.	Original source 4 November 2022, by 11.59pm	

 My paper		100%
Student paper 4 November 2022, by 11.59pm.	Original source 4 November 2022, by 11.59pm	

 My paper		100%
Student paper 4 November 2022, by 11.59pm.	Original source 4 November 2022, by 11.59pm	

 My paper		100%
Student paper No late work will be accepted. If you are unable to submit coursework on time due to extenuating circumstances, you may be eligible for an extension. Please consult the	Original source No late work will be accepted If you are unable to submit coursework on time due to extenuating circumstances, you may be eligible for an extension Please consult the	

 My paper		100%
Student paper 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	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	

 My paper		100%
Student paper I/we confirm that this piece of work is my/our own. I/we consent to appropriate storage of our work for plagiarism checking.	Original source I/we confirm that this piece of work is my/our own I/we consent to appropriate storage of our work for plagiarism checking	

 My paper		100%
Student paper Section B - To be completed by the module leader Intended learning outcomes assessed by this work:	Original source Section B - To be completed by the module leader Intended learning outcomes assessed by this work	

 My paper		100%
Student paper Understand and apply appropriate concepts, tools and techniques to each stage of the	Original source Understand and apply appropriate concepts, tools and techniques to each stage of the	

 My paper		100%
Student paper Understand and apply design patterns to software components in developing new software	Original source Understand and apply design patterns to software components in developing new software	

 My paper		100%
Student paper Demonstrate an understanding of project planning and working to agreed deadlines, along with professional, interpersonal skills and effective communication required for software	Original source Demonstrate an understanding of project planning and working to agreed deadlines, along with professional, interpersonal skills and effective communication required for software	

 My paper	100%
Student paper 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. Marking scheme Max Mark	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 Marking scheme Max Mark
 My paper	100%
Student paper User Story Mapping	Original source User Story Mapping
 My paper	100%
Student paper Setting up a GitHub	Original source Setting up a GitHub
 My paper	100%
Student paper Creating a Class diagram and design pattern selection	Original source Creating a Class diagram and design pattern selection
 My paper	100%
Student paper Creating a Prototype User Interface and Usability Testing	Original source Creating a Prototype User Interface and Usability Testing
 My paper	100%
Student paper Discuss the ethical issue related to the software	Original source Discuss the ethical issue related to the software
 My paper	100%
Student paper The 4067CEM assessment should be completed as a full individual work over the course of	Original source The 4067CEM assessment should be completed as a full individual work over the course of
 My paper	100%
Student paper The assessment output are only judged at the end of the module and not by the expectations during that week. The assessment should be undertaken individually.	Original source The assessment output are only judged at the end of the module and not by the expectations during that week The assessment should be undertaken individually
 My paper	100%
Student paper submissions will be checked against each other and the internet for possible plagiarism. Activities – These activities consists of 50% of your coursework marks. It will be run throughout the semester and there will be a final submission at the end of the semester.	Original source submissions will be checked against each other and the internet for possible plagiarism Activities – These activities consists of 50% of your coursework marks It will be run throughout the semester and there will be a final submission at the end of the semester

 My paper		100%
Student paper These activities consists of activities that will be done in a software design phase.	Original source These activities consists of activities that will be done in a software design phase	
 My paper		100%
Student paper College Buddy System for Students. Task 3 – Creating a Class diagram and design pattern selection (30 marks) Create a simple Class diagram which should consists of the Classes that might be used to represent the system and the association between them.	Original source College Buddy System for Students Task 3 – Creating a Class diagram and design pattern selection (30 marks) Create a simple Class diagram which should consists of the Classes that might be used to represent the system and the association between them	
 My paper		100%
Student paper You don't have to declare the attributes and operations for this activity. You do have to explain the class responsibility of each class	Original source You don't have to declare the attributes and operations for this activity You do have to explain the class responsibility of each class	
 My paper		100%
Student paper You can use software like StarUML to complete this activity. Output – A class diagram containing classes and associations. In Word format, uploaded to GitHub. Consider the problem and select a suitable design pattern that can be implemented on the problem.	Original source You can use software like StarUML to complete this activity Output – A class diagram containing classes and associations In Word format, uploaded to GitHub Consider the problem and select a suitable design pattern that can be implemented on the problem	
 My paper		100%
Student paper Give justification on why the design pattern was chosen. Draw the UML diagram representing your class diagram as a design pattern UML. Include all the abstract class/interface, concrete class and	Original source Give justification on why the design pattern was chosen Draw the UML diagram representing your class diagram as a design pattern UML Include all the abstract class/interface, concrete class and	
 My paper		100%
Student paper inheritance (if any) used to represent the problem. Output – UML diagram representing the design pattern. In Word format, uploaded to GitHub. Due – Week 11 of the semester.	Original source inheritance (if any) used to represent the problem Output – UML diagram representing the design pattern In Word format, uploaded to GitHub Due – Week 11 of the semester	
 My paper		100%
Student paper 4 November 2022, by 11.59pm. College Buddy System Class Diagram	Original source 4 November 2022, by 11.59pm College Buddy System Class Diagram	
 My paper		100%
Student paper The College Buddy System is created mainly for INTI College Penang students to forge a network with other students within the campus. However, this may not always be the case.	Original source The College Buddy System is created mainly for INTI College Penang students to forge a network with other students within the campus However, this may not always be the case	

 My paper		100%
Student paper might be a possibility to include other entities such as students from other college or even lecturers from other universities. If other entities were to be incorporated into system, large changes will have to be made.	Original source might be a possibility to include other entities such as students from other college or even lecturers from other universities If other entities were to be incorporated into system, large changes will have to be made	

 My paper		100%
Student paper It would be a hassle to modify the code every time when an entity has to be	Original source It would be a hassle to modify the code every time when an entity has to be	

 My paper		100%
Student paper Design pattern selection: Hence the design pattern that was selected to resolve this issue is the	Original source design pattern selection Hence the design pattern that was selected to resolve this issue is the	

 My paper		100%
Student paper This method recommends to replace the direct object construction calls with calls to special factory method.	Original source This method recommends to replace the direct object construction calls with calls to special factory method	

 My paper		100%
Student paper All tasks needed to be documented in Word format and submitted for SafeAssign checking (Links will be provided before the due date). Upload the document and the SafeAssign report to your GitHub repository by each task due date. Due – It will be accessed at Week 13 of the semester.	Original source All tasks needed to be documented in Word format and submitted for SafeAssign checking (Links will be provided before the due date) Upload the document and the SafeAssign report to your GitHub repository by each task due date Due – It will be accessed at Week 13 of the semester	

 My paper		100%
Student paper 18 November 2022, by 11.59pm Marking Rubric for Continuous Assessment Marks Below 40% Marks in the range	Original source 18 November 2022, by 11.59pm Marking Rubric for Continuous Assessment Marks Below 40% Marks in the range	

 My paper		100%
Student paper Marks in the range	Original source Marks in the range	

 My paper		100%
Student paper Marks in the range	Original source Marks in the range	

 My paper		100%
Student paper Marks 70% and	Original source Marks 70% and	

 My paper		100%
Student paper Mapping (20 marks) User Story Mapping not done or User Story copied/does	Original source Mapping (20 marks) User Story Mapping not done or User Story copied/does	
 My paper		100%
Student paper not match the exact	Original source not match the exact	
 My paper		100%
Student paper User Story Mapping done at a minimum level and does not	Original source User Story Mapping done at a minimum level and does not	
 My paper		100%
Student paper important activities of	Original source important activities of	
 My paper		100%
Student paper User Story Mapping done and does	Original source User Story Mapping done and does	
 My paper		100%
Student paper important activities of	Original source important activities of	
 My paper		100%
Student paper breakdown of the user story mapping can be improved. User Story Mapping	Original source breakdown of the User Story Mapping can be improved User Story Mapping	
 My paper		100%
Student paper done and does	Original source done and does	
 My paper		100%
Student paper important activities of	Original source important activities of	
 My paper		100%
Student paper breakdown of the user story mapping is good and uses software that can assist that	Original source breakdown of the user story mapping is good and uses software that can assist that	

 My paper		100%
Student paper process (For example Miro compared to Ms)	Original source process (For example Miro compared to Ms)	
 My paper		100%
Student paper User Story Mapping done and does	Original source User Story Mapping done and does	
 My paper		100%
Student paper important activities of	Original source important activities of	
 My paper		100%
Student paper breakdown of the user story mapping is excellent and uses software that can	Original source breakdown of the User Story Mapping is excellent and uses software that can	
 My paper		100%
Student paper assist that process (For example Miro compared to Ms)	Original source assist that process (For example Miro compared to Ms)	
 My paper		100%
Student paper Setting up a	Original source Setting up a	
 My paper		100%
Student paper Repository (10 marks)	Original source Repository (10 marks)	
 My paper		100%
Student paper does not exist or cannot be accessed or the required files are not available at	Original source does not exist or cannot be accessed or the required files are not available at	
 My paper		100%
Student paper the time of access.	Original source the time of access	
 My paper		100%
Student paper exist and some of the required files are not available at the time of access.	Original source exist and some of the required files are not available at the the time of access	

 My paper		100%
Student paper exist and most of the required files are available at the time	Original source exist and most of the the required files are available at the time	
 My paper		100%
Student paper the dates does not follow the required	Original source the dates does not follow the required	
 My paper		100%
Student paper GitHub repository exist and all of the required files are available at the time of access.	Original source GitHub repository exist and all of the required files are available at the time of access	
 My paper		100%
Student paper However the dates for some files does not follow the required	Original source However the dates for some files does not follow the required	
 My paper		100%
Student paper exist and all of the required files are available at the time	Original source exist and all of the the required files are available at the time	
 My paper		100%
Student paper on the files follows	Original source on the files follows	
 My paper		100%
Student paper selection (30 marks) The Class diagram does not represent the required solution (contains generic or	Original source selection (30 marks) The Class diagram does not represent the required solution (contains generic or	
 My paper		100%
Student paper non- related classes such as admin), the	Original source non- related classes such as admin), the	
 My paper		100%
Student paper suggested is not suitable for the given	Original source suggested is not suitable for the given	
 My paper		100%
Student paper The Class diagram and design pattern	Original source The Class diagram and design pattern	

 My paper	Original source required solution but in a very general and	100%
Student paper required solution but in a very general and	Original source required solution but in a very general and	

 My paper	Original source Required classes in the design are not	100%
Student paper Required classes in the design are not	Original source Required classes in the design are not	

 My paper	Original source The Class diagram and design pattern	100%
Student paper The Class diagram and design pattern	Original source The Class diagram and design pattern	

 My paper	Original source required solution in a	100%
Student paper required solution in a	Original source required solution in a	

 My paper	Original source Required classes in the design are not	100%
Student paper Required classes in the design are not	Original source Required classes in the design are not	

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Student paper The Class diagram and design pattern represent the required solution in a	Original source The Class diagram and design pattern represent the required solution in a	

 My paper	Original source required classes are	100%
Student paper required classes are	Original source required classes are	

 My paper	Original source The Class diagram and design pattern	100%
Student paper The Class diagram and design pattern	Original source The Class diagram and design pattern	

 My paper	Original source required solution in an excellent way.	100%
Student paper required solution in an excellent way.	Original source required solution in an excellent way	

 My paper	Original source required classes are	100%
Student paper required classes are	Original source required classes are	

 My paper		100%
Student paper Testing (20 marks) No prototype were available or the measurement for the	Original source Testing (20 marks) No prototype were available or the measurement for the	
 My paper		100%
Student paper usability testing is	Original source usability testing is	
 My paper		100%
Student paper The prototype cover minimalist and trivial design (such as login) and the	Original source The prototype cover minimalist and trivial design (such as login) and the	
 My paper		100%
Student paper the usability testing are not clear. The prototype cover adequate design and	Original source the usability testing are not clear The prototype cover adequate design and	
 My paper		100%
Student paper the usability testing are not clear. The prototype cover good design and most	Original source the usability testing are not clear The prototype cover good design and most	
 My paper		100%
Student paper measurements for the usability testing are	Original source measurements for the usability testing are	
 My paper		100%
Student paper The prototype cover excellent design and all measurements for the usability testing	Original source The prototype cover excellent design and all measurements for the usability testing	
 My paper		100%
Student paper related to the software (20 marks) There is no discussion on the	Original source related to the software (20 marks) There is no discussion on the	
 My paper		100%
Student paper ethical issue or only the theories are pasted back for this	Original source ethical issue or only the theories are pasted back for this	
 My paper		100%
Student paper There is an attempt to discuss on the ethical issue but no	Original source There is an attempt to discuss on the ethical issue but no	

 My paper		100%
Student paper analysis was done There is an attempt to discuss on the ethical issue with	Original source analysis was done There is an attempt to discuss on the ethical issue with	
 My paper		100%
Student paper analysis was done There is an attempt to discuss on the ethical issue with good critical	Original source analysis was done There is an attempt to discuss on the ethical issue with good critical	
 My paper		100%
Student paper There is an attempt to discuss on the ethical issue with	Original source There is an attempt to discuss on the ethical issue with	
 My paper		100%
Student paper System Task 3 – Creating a Class diagram and design patte to special factory method.	Original source System Task 3 – Creating a Class diagram and design patte to special factory method	