SafeAssign Originality Report

SOFTWARE DESIGN • Creating a Class diagram and design pattern selection (30%)

88 %

MATTHEW LOH Submission UUID: 0c540512-7735-99b0-2a90-1	THEW LOH YET MARN - Total Score: ■ High risk JID: 0e540512-7735-9960-2a90-fa5eed3532e7				
Total Number of Reports	Highest Match	Average Match	Submitted on	Average Word Count	
1	88 %	88 %	11/18/22	1,897	
	MatthewLohTask3.docx		12:37 AM GMT+8	Highest: MatthewLohTask3.docx	

88% Institutional database (3) Student paper 2 My paper Student paper Top sources (3)

My paper

2

Student paper

Excluded sources (0)

Student paper

Attachment 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: 2 Matthew Loh Yet Marn
① CU Student ID Number: 13445539
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/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.
Signature(s):
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

Word Count: 1,897 MatthewLohTask3.docx

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

(3) Task 3 – Creating a Class diagram and design pattern selection (20 marks) Matthew Loh Yet Marn – P21013568 BACKGROUND

In developing good software, it is crucial that we try to write good quality code. But what is good quality code and how do we write it? In an object-oriented approach, above all, a developer should never try to reinvent the wheel. Software engineering is much akin to problem-solving, and just like in problem-solving, pattern recognition is key to saving time and money when writing code. This is where design patterns come in, where pattern recognition and problem-solving intertwine to help developers design more reusable, robust and extendable object-oriented software. They are not a finished design that can be transformed directly into code but instead, are a general description or template for how to solve a problem that can be used in many different situations. Design patterns are formalized best practices that the programmer can use to solve all sorts of problems when designing an application or system. Design patterns are not specific to any one language, but are language independent as well.

Focusing now back to the College Buddy System itself, it's important that we select the right design pattern to ensure we can set the foundation right for scalability and expandability of our software. Firstly, an introduction to the feature that is prime for switching to a design pattern and forgoing the traditional style of coding. The Find-a-Buddy feature of the College Buddy System allows users to be matched by various metrics. When two students are to be matched, it is important that we select the right algorithm to maximize the compatibility between the individuals. Problems inevitably arise with the design of the module, that is, as a result of the fact that matchmaking often needs to adapt to various social circumstances and unpredictable metrics. Whenever new algorithms for matchmaking need to be added, great difficulties become apparent in upkeeping and maintaining the code for the client, which is the Find-a-BuddySystem class. Sometimes, some algorithms can be phased out of use, or more complicated algorithms can affect the implementations of other ones. In these cases, where many of the algorithms used are related in output and only differ in under-the-hood behavior, the Strategy design pattern fits the bill. The Strategy design pattern is a behavioral design pattern that allows the encapsulation of families of algorithms, by transforming the implementations into separate classes to make objects which they execute on interchangeable. The following section will include a Class diagram for the proposed implementation of the Strategy pattern in the Find-a-Buddy module of the College Buddy System.

CLASS DIAGRAM1

2

5

4

3

EXPLANATION

In the above class diagram, Find-a-BuddySystem, MatchmakingStrategy, RFAMatchmakingStrategy, ANNMatchmakingStrategy and KNNMatchmakingStrategy represent classes.

1. In the above class diagram, the Find-a-BuddySystem class acts as the Context, which is configured with a mmstrategy (MatchmakingStrategy) object. The Find-a-BuddySystem class maintains a reference to a MatchmakingStrategy object. As a Context, it also has the ability to allow data to be passed through. 2.

MatchmakingStrategy is a class that acts as an interface for all the concrete strategies. While not depicted, this interface is able to declare a method which can be called by Find-a-BuddySystem to execute a matchmaking algorithm. 3. RFAMatchmakingStrategy, ANNMatchmakingStrategy and KNNMatchmaking strategy represent variations of a matchmaking algorithm that the Find-a-BuddySystem desires. These classes are Concrete Strategies. 4. On running of the matchmaking functions, the Find-a-BuddySystem class calls the matchmaking method on the connected strategy object every time an algorithm is needed. Note that the context, Find-a-BuddySystem does not need to know how the algorithm is implemented and in fact does not possess knowledge of the MatchmakingStrategy object, including what type of strategy each one is. The Find-a-BuddySystem class only creates a reference. 5. The Client represents the class that includes the creation of the specific MatchmakingStrategy object and the passing of it to the Find-a-BuddySystem. Using the Strategy design pattern, we are able to add more algorithms that we can matchmake the users by without having to change any parts of the Find-a-BuddySystem class itself. On runtime itself, the Strategy pattern allows for the switching of variants of an algorithm. By using the Strategy pattern, we also cut down on the need of massive conditional operators by choosing to encapsulate the algorithm's

code in classes, effectively isolating the implementation details and making maintenance have stronger cohesion. The Strategy pattern also has very clear delegation of class responsibilities. The MatchmakingStrategy interfaces and is responsible for collaboration with the Find-a-BuddySystem to actually implement the chosen algorithm in the Client. The family of matchmaking algorithms are only responsible for executing their respective code as a result of interacting with MatchmakingStrategy exclusively. In summary, The MatchmakingStrategy is an abstract base class that acts as an interface for the Find-a-BuddySystem (which has the method(s) that does the actual matchmaking). Abstract methods in the MatchmakingStrategy class carry out the matchmaking depending on the strategy and thus, allow the different implementations.

CONCLUSION

Design patterns are an integral component of being a programmer that writes clean code. Overall, in this task, we successfully realize the power of design patterns and applied them in the concept of matchmaking buddies. It is important that the app presents the option to allow the selection of different algorithms for matchmaking. Furthermore, there must be an understanding of the drawbacks each design pattern has.

1 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

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.

1 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 (36)

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	
① 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	
② My paper	100%	
Student paper	Original source	
Matthew Loh Yet Marn	Matthew Loh Yet Marn	
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	
	1000	
Student paper	100%	
Student paper Continuous Assessment % of Module Mark:	Original source Continuous Assessment % of Module Mark	
Continuous Assessment 70 of Module Mark.	Continuous Assessment % of Woodule Mark	
① Student paper	1009	
Student paper	Original source	
Hand out Date: 6th September 2022 Due Date:	Hand out Date 6th September 2022 Due Date	
① Student paper	100%	
Student paper	Original source	

(1) Student paper	100
Student paper	Original source
18 November 2022, by 11.59pm	18 November 2022, by 11.59pm
① Student paper	100
Student paper	Original source
4 November 2022, by 11.59pm.	4 November 2022, by 11.59pm
① Student paper	100
Student paper	Original source
4 November 2022, by 11.59pm.	4 November 2022, by 11.59pm
() Student paper	100
Student paper	Original source
4 November 2022, by 11.59pm.	4 November 2022, by 11.59pm
① Student paper	100
Student paper	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.	No late work will be accepted If you are unable to submit coursework on time due to ex- tenuating circumstances, you may be eligible for an extension Please consult the lecture
tenuating circumstances, you may be eligible for an extension. Please consult the lecturer.	tenuating circumstances, you may be eligible for an extension Please consult the lecture
tenuating circumstances, you may be eligible for an extension. Please consult the lecturer.	tenuating circumstances, you may be eligible for an extension Please consult the lecture
tenuating circumstances, you may be eligible for an extension. Please consult the lecturer. Student paper	tenuating circumstances, you may be eligible for an extension Please consult the lecture 100 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
tenuating circumstances, you may be eligible for an extension. Please consult the lecturer. Student paper 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 our work for plagiarism checking
tenuating circumstances, you may be eligible for an extension. Please consult the lecturer. Student paper 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. Student paper	tenuating circumstances, you may be eligible for an extension Please consult the lecturer 100 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
tenuating circumstances, you may be eligible for an extension. Please consult the lecturer. Student paper 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. Student paper Student paper Student paper Section B - To be completed by the module leader Intended learning outcomes assessed	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 our work for plagiarism checking
tenuating circumstances, you may be eligible for an extension. Please consult the lecturer. Student paper 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. Student paper Student paper Section B - To be completed by the module leader Intended learning outcomes assessed by this work:	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 our work for plagiarism checking Original source Section B - To be completed by the module leader Intended learning outcomes assessed by this work
tenuating circumstances, you may be eligible for an extension. Please consult the lecturer. Student paper 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. Student paper Section B - To be completed by the module leader Intended learning outcomes assessed by this work: 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 confirm that this piece of work is my/our own I/we consent to appropriate storage our work for plagiarism checking Original source Section B - To be completed by the module leader Intended learning outcomes assessed
tenuating circumstances, you may be eligible for an extension. Please consult the lecturer. Student paper 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. Student paper Student paper Section B - To be completed by the module leader Intended learning outcomes assessed by this work: Student paper Student paper Student paper Student paper	tenuating circumstances, you may be eligible for an extension Please consult the lecture 100 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 our work for plagiarism checking 100 Original source Section B - To be completed by the module leader Intended learning outcomes assessed by this work
tenuating circumstances, you may be eligible for an extension. Please consult the lecturer. Student paper 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. Student paper Student paper Section B - To be completed by the module leader Intended learning outcomes assessed by this work:	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 our work for plagiarism checking Original source Section B - To be completed by the module leader Intended learning outcomes assessed by this work Original source Understand and apply appropriate concepts, tools and techniques to each stage of the software development
tenuating circumstances, you may be eligible for an extension. Please consult the lecturer. 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. Student paper Student paper Section B - To be completed by the module leader Intended learning outcomes assessed by this work: Student paper Student paper Understand and apply appropriate concepts, tools and techniques to each stage of the software development	tenuating circumstances, you may be eligible for an extension Please consult the lecture 100 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 our work for plagiarism checking Original source Section B - To be completed by the module leader Intended learning outcomes assessed by this work Original source Understand and apply appropriate concepts, tools and techniques to each stage of the

Student paper	10
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
① Student paper	10
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. Marking scheme Max Mark	Demonstrate an awareness of, and ability to apply, social, professional, legal and ethics 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 Student paper	10
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 disign pattern selection
① Student paper	
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 re lated to the software 20
3 Student paper	
Student paper	Original source
Task 3 – Creating a Class diagram and design pattern selection (20 marks) Matthew Loh Yet Marn – P21013568 BACKGROUND	Task 3 – Creating a Class diagram and design pattern selection (30 marks)
Student paper	11
Student paper	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	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
① Student paper	1
Student paper	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.	Mapping (20 marks) User Story Mapping not done or User Story copied/does not matc the exact system User Story Mapping done at a minimum level and does not capture t important activities of the system User Story Mapping done and does capture several portant activities of the system The breakdown of the user story mapping can be improved
① Student paper	1
Student paper	Original source
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 done and does capture several important activities of the system 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

capture most important activities of the system The breakdown of the

capture most important activities of the system. The breakdown of the

① Student paper	100
Student paper	Original source
user story mapping is excellent and uses software that can assist that process (For example Miro compared to Ms	user story mapping is excellent and uses software that can assist that process (For example Miro compared to Ms
1 Student paper	100
Student paper	Original source
Setting up a	Setting up a
Student paper	100
Student paper	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.	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 mos of the required files are available at the time of access
① Student paper	100
Student paper	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.	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 file are available at the time of access
① Student paper	100
Student paper	Original source
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 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
① Student paper	100
Student paper	Original source
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 a partial way A few required classes in the design are not declared The Class diagram and design patter represent the required solution in a satisfactory way Most required classes are declared
① Student paper	100
Student paper	Original source

The Class diagram and design pattern represent the required solution in an excellent

way. All required classes are declared.

The Class diagram and design pattern represent the required solution in an excellent way

All required classes are declared



Student paper

100%

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



Student paper

100%

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

1

Student 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

1

Student paper

100%

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