



CANTERBURY

TECHNICAL INSTITUTE

ASSESSMENT

ICT50715

Diploma of Software Development

Intermediate Programming

Assessment Code:

DITS-ICT418-2

ICTICT418

Contribute to copyright, ethics and privacy in an IT environment

Candidate must fill this section:

Candidate Name:			
Candidate ID:			
Privacy Release Clause:	"I give my permission for my assessment material to be used in the auditing, assessment validation & moderation Process"		
Candidate Signature:		Date:	

Assessment Completion Status:

(Trainer Use Only)

Attempt	Satisfactory	Non-Satisfactory	Date	Assessor's Signature
Initial attempt	<input type="checkbox"/>	<input type="checkbox"/>		
2 nd attempt/Re-assessment	<input type="checkbox"/>	<input type="checkbox"/>		

Information for Candidate:

- All work is to be entirely of the candidate.

General Information for this assessment:

- Read the instructions for each question very carefully.
- Be sure to PRINT your FULL name & LAST name in every place that is provided.
- Short questions must be answered in the spaces provided.
- For those activities requesting extra evidence such as: research reports, ESSAY reports, etc. The student must attach its own work formatted in double space, Arial 12 pts.
- All activities must be addressed correctly in order to obtain a competence for the unit of competency.
- If the candidate doesn't understand the assessment, they can request help from the assessor to interpret the assessment.

Re-assessment of Result & Academic Appeal procedures:

If a student at CTI is not happy with his/ her results, that student may appeal against their grade via a written letter, clearly stating the grounds of appeal to the Deputy Principal. This should be submitted after completion of the subject and within fourteen days of commencement of the new term.

Re-assessment Process:

- An appeal in writing is made to the Deputy Principal providing reasons for re-assessment /appeal.
- Deputy Principal will delegate another faculty member of CTI to review the assessment.
- The student will be advised of the review result done by another assessor.
- If the student is still not satisfied and further challenges the decision, then a review panel is formed comprising the lecturer/trainer in charge, the Deputy Principal and the Director of Student Services OR if need be an external assessor.
- The Institute will advise the student within 14 days from the submission date of the appeal. The decision of the panel will be deemed to be final.
- If the student is still not satisfied with the result, the he / she has the right to seek independent advice or follow external mediation option with CTI's nominated mediation agency.
- Any student who fails a compulsory subject or appeals unsuccessfully will be required to re-enrol in that subject.

The cost of reassessment will be borne by the Institute. The external assessor will base his/her judgement based on principles of assessment. These principles require assessment to be reliable, fair, practical and valid.

Academic Appeals

- If you are dissatisfied with the outcome of the re-evaluation process, you have a right to appeal through CTI's complaint / grievance protocol.
- The notice of appeal should be in writing addressed to the Deputy Principal and submitted within seven days of notification of the outcome of the re-evaluation process.
- If the appeal is not lodged in the specified time, the result will stand and you must re-enrol in the unit.
- In emergency circumstances, such as in cases of serious illness or injury, you must forward a medical certificate in support of a deferred appeal. The notice of appeal must be made within three working days of the concluding date shown on the medical certificate.
- The decision of Deputy Principal will be discussed with the PEO and will be final.
- Student would then have the right to pursue the claim through an independent external body as detailed in the students' complaint / grievance policy.

Feedback/Comments:

Acknowledgement

I understand all the above rules, guidelines and feedback for this assessment.

Full Name:		Signature:		Date:	
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Submission Details:

The assessment task is due on trainer provided date. Any variations to this arrangement must be approved in writing by your assessor. Submit this document with any required evidence attached. See specifications below for details

Performance objective

The candidate must demonstrate skills, knowledge and understanding and promote the use and implementation of innovative work practices to effect change, as states the unit of competency **ICTICT418**. Throughout this program you are to demonstrate knowledge in:

- Australian Computer Society Code of Ethics.
- Federal and state or territory legislation and policy relevant to an IT environment relating to:
access and equity, copyright and intellectual property and OHS.
- Privacy.
- Organisational communication processes and procedures.
- Organisational requirements for customer service.

And skills in:

- Communication skills to liaise with internal and external personnel on ethical and privacy, operational and business-related matters.
- Learning skills to update personal ethical and privacy knowledge through professional development literacy skills to apply standards and legislation to policy and procedure development and monitoring.
- Planning and organisational skills to plan, prioritise and monitor own work.
- Research skills to gain and maintain current industry privacy and ethical information.
- Technical skills to perform application and system security and storage management.

Assessment description:

You will undertake **computer based test** based on class lectures and activities in this Practical Activity.

Procedure:

- 1 You will need to follow instructions below and address all activities required.
- 2 This is an individual activity where each candidate will be assessed individually;
- 3 Complete all activities and submit assessment evidence (including these papers) to your assessor the date specified above (see submission details).
- 4 Referencing : All findings from the internet or other sources must be referenced as per standards laid by APA referencing guide at: <http://www.usq.edu.au/library/help/referencing/apa>

Specifications/Conditions:

Your assessor will be looking for evidence of:

- Analyse legislation and standards relating to professional conduct and privacy in the IT industry
- Contribute to the development of a code of ethics and monitor the workplace to ensure code of ethics is being applied and is appropriate
- Contribute to the development of a privacy policy and monitor the workplace to ensure the policy is being applied and is appropriate.
- Relevant organisational policies, legislation and standards documentation.
- Industry codes of practice.

Assessment Details

Case Study 1:

Adam has been working on a project for his Bachelor in computer science course in the university of Technology and Science and he is a member of ACS (Australian Computer Society) also. The condition of the project “Adam has to finish the project within 6 hours of time in the computer lab”. 20% marks will add up for this project as it is a part of final exam. The entire project works need to be emailed to the professor and a copy he should save in student folder of the computer. The Professor has explained the problem scenario and allotted a fixed limit of time for this project. Adam is running out of time, but has not yet finished the project. In fact, he was an irregular student. He is also unable to communicate with the professor due to certain circumstances (the professor was not in the class). Three months ago, Adam appointed as a part time employee in IT section for the university. Last month, he had been worked as a student programmer for the campus computer Centre and is quite familiar with job environment and procedures. He has done many times to increase time allocations to different types of accounts as a part of his job as well. He has the right permission to access the master account. Then he gives himself additional time by manipulating his account and finishes his project.

Activity 1:

Investigate the student policy at the first stage Adam has violated and how?

Activity 2:

Research on UTS student policy on computer use and write down some of the policies need to be followed by Adam/students in a computer lab which relate to the ethical use in this stage?

Activity 3:

What is your opinion regarding the absence of the Professor from the class? Do you think, Adam will be able to continuing his job if caught?

Activity 4:

As a member of Australian Computer Society (ACS) what he needs to follow in this situation/every time as long as he is in IT field?

Case Study 2:

Cognissoft, a small software company is working on an integrated inventory control system for a large scale mobile phone manufacturer. The system (inventory control system) will gather sales information daily from sales stores nationwide. This information will be used by the accounting, shipping, and ordering departments to control all of the functions of this large corporation. The inventory functions are critical to the smooth operation of the system. Simpson newly joined quality maintenance engineer with the software company. He suspects that the inventory functions of the system are not sufficiently tested. For some reasons, it needs to check although they have tested before and passed in every test. Under these circumstances, he is pressured by his employers to sign off on the software. Legally, he is only required to perform those tests which have been agreed to in the original contract. However, his considerable experience in software testing has led him to be concerned over risks of the system. Simpson's employers repeatedly say "they will lose the contract if they do not deliver the software on time".

Activity 1:

What are the legal rights of stakeholders, they can expect from "Cognissoft"?

Activity 2:

Why the employers cannot create pressure on Simpson as he has to maintain the interest of stakeholders, explain?

Activity 3:

Point out the causes of Simpson's dilemma.

Case Study 3:

Mark set up a business in the field of IT. After several years of hardship he has been getting the reward, several employees are working for him and he gets a large number of clients. Basically, they do consulting for corporate internet setting, designing database management system and advising about security. His team is now working on a database management system for a medium scale of company. With the concern of the CEO, Mark engages director of computing and the director of personnel for the quick progression of the project. It is now time to make decisions about the kind and level of security to implement. Several options of the security procedure Mark has discussed to the client. Mark raised the issue because the project is going to cost more than they planned. Despite, his suggestions the client has decided to implement a less secure system. He believes the information they will be storing is extremely sensitive and will include performance evaluations, medical records for filing insurance claims, salaries, and so on. With weak security, employees working on client machines may be able to figure out ways to get access to this data, not to mention the possibility of online access from hackers. Mark feels strongly that the system should be much more secure. He has focused into the risks again and again, but the CEO, director of computing and director of personnel all agree that less security will do. What should he do? Should he refuse/stop to build the system as they request?

Activity 1:

Considering the system security, who was alright, Mark or others and why?

Activity 2:

Do you think the CEO and the directors could face serious consequences in future?

Activity 3:

Why Mark should not proceed further to build up the system?

Written Answers

Activity 1:

Mention some of the key points you need to take in account when you will be developing copyright policy for your / someone's company?

Activity 2:

Why the organisations need to change policy and procedure? Mention some of the strategies for involving the stakeholders in this process and point out any of the strategies.

Activity3:

Give some of the exception of copyright law by which the organisations and public can maximise their outcomes?

Assessment Submission Details

This assessment requires the following evidence:

- The assessment cover sheet (first two pages of the document) filled in with:
 - Your Name
 - Student Number
 - Date
- All created documents/source code/reports for this assessment.
- A **zip** or **7z** compressed archive containing the completed cover sheet and all relevant assessment documentation for this assessment.
- Submitted electronically via instructions from you assessor/instructor.