ASSESSMENT BRIEF 3 Final SRS Report

COURSE: Bachelor of Information Technology/Bachelor of Information Technology with a Specialisation in Cyber Security	
Unit:	Capstone Project
Unit Code:	CPRO306
Type of Assessment:	Formative Assessment
Length/Duration:	2500 words
Unit Learning Outcomes addressed:	1. Critically analyse the methods and techniques used when seeking to apply information technology at the corporate level 2. Identify and present systematically the requirements for an information system in a large and complex organisation 3. Design, develop, test, and evaluate an appropriate systems solution 4. Identify and resolve critical technical issues with minimal supervision 5. Work effectively as part of a team in the production of an information system and related documentation and reports. 6. Evaluate the project process and outcomes, including team management, against the project proposal.
Submission Date:	Week 5
Assessment Task:	Final SRS Report
Total Mark:	100
Weighting:	35%

Students are advised that **submission of an Assessment Task past the due date without a formally signed approved Assignment Extension Form** (Kent Website *MyKent Student Link> FORM – Assignment Extension Application Form – Student Login Required)* **or previously approved application for other extenuating circumstances impacting course of study, incurs a 5% penalty** per calendar day,

calculated by deduction from the total mark.

For example. An Assessment Task marked out of 40 will incur a 2 mark penalty for each calendar day.

More information, please refer to *(*Kent Website *MyKent Student Link> POLICY – Assessment Policy & Procedures – Student Login Required)*

ASSESSMENT DESCRIPTION:

In this part of the assessment task the student needs to identify Systems requirements, business requirements and the user requirements of the system they have proposed in the previous assessment. The report will be named as "software requirement specification" for your proposed project. The report needs to be prepared professionally and presentable to the clients they are working with. The report also will include the hardware and software requirements, detailed user requirements using a use case diagram and from that then the report needs to identify and record functional and non-functional requirements, work breakdown structure, user interface etc. You also need to include technical details of the system which will be carried on development of the project based on the project you have chosen and to comply with the functional and non-functional requirements. The report should include your software development environment, files and folder structure, data flow diagram, data dictionary, entity relationship diagram, user interface storyboard etc. The report also needs the test plan and the implementation plan which will be used later for testing and implementing the system. The report will have the following criteria and a sample of software requirement specification is available in the student resources folder as a guide for you to follow:

- An updated scope statement, including more detailed descriptions of key deliverables
- A system architecture will provide the required functionality and meet its non-functional objectives.
- Show that the proposed user interface design will achieve its objectives.
- Suggested changes and improvements are reasonable and useful.
- A summary/sample of completed deliverables under IS requirements and design.
- The system development has been planned and managed.
- Teamwork has been managed.
- The business requirements have been elicited and understood.
- Use case diagram, Data flow diagram
- A database design will provide the necessary data management.
- Provide evidence that you have implemented the data encryption and anonymization of data
- Perform 'Data Protection Impact Assessment' to help ensure compliance, facilitate a privacy-by-design approach and identify better practice.
- A user interface design will help and facilitate users to perform their tasks.
- Your responses on the feedback from your Lecturer.

Based on the organization that you and your team has chosen; you have to design the Information System project and prepare the software requirement specification report.

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MARKING GUIDE (RUBRIC):

Marking Criteria	Fail (0-49% of the criterion mark)	Pass (50-64% of the criterion mark)	Credit (65-74% of the criterion mark)	Distinction (75-84% of the criterion mark)	High Distinction (85-100% of the criterion mark)
Criterion -1 (20 mark) Project Description	**No** attempt done for Business description, Project description & problems scenario, Project objectives, purpose describe in detail. Detailed scope definition, New & proposed system design specifications stated, Methodologies chosen for the project	**Little attempt** of Business description, Project description & problems scenario, Project objectives, purpose describe in detail. Detailed scope definition, New & proposed system design specifications stated, Methodologies chosen for the project	**General description** of Business description, Project description & problems scenario, Project objectives, purpose describe in detail. Detailed scope definition, New & proposed system design specifications stated, Methodologies chosen for the project	**Specifically** stated Business description, Project description & problems scenario, Project objectives, purpose describe in detail. Detailed scope definition, New & proposed system design specifications stated, Methodologies chosen for the project	**Specifically, and comprehensively** stated Business description, Project description & problems scenario, Project objectives, purpose describe in detail. Detailed scope definition, New & proposed system design specifications stated, Methodologies chosen for the project
Criterion-2 (10 mark) Group cohesiveness	**No** Team formed or team works has been distributed and the team members are not aware of their tasks and participation	Team formed, **less** distribution of team works, and the team members are aware few of their tasks and participation	Team formed, **some** team works has been distributed and the team members are aware of some of their tasks and participation	Team formed, **almost all** team works has been distributed and the team members are aware of all their tasks and participation	Team formed, **all** team works has been distributed **a**nd the team members are aware of all their tasks and participation
Criterion-3 (20 marks) Clearly analysed the system	**No** attempt done for Business requirement, System requirement and System configuration	Has attempted **small** bits of Business requirement, System requirement, System configuration such as Hardware Configuration, Software Configuration Little bit of User requirement analysis is done using few use case diagram, use case definition & based on use case definition. Few Functional and Non-functional requirement analysed	**Generally** analysed the Business requirement, System requirement, System configuration such as Hardware Configuration, Software Configuration, User requirement analysis using use case diagram, use case definition & based on use case definition. Both the Functional and Non-functional requirement analysed	**Clearly** analysed the Business requirement, System requirement, System Configuration such as Hardware Configuration, Software Configuration, User requirement analysis using use case diagram, use case definition & based on use case definition. Both the Functional and Non-functional requirement analysed	**Clearly and professionally** analysed the Business requirement, System requirement, System configuration such as Hardware Configuration, Software Configuration, User requirement analysis using use case diagram, use case definition & based on use case definition. Both the Functional and Non-functional requirement analysed

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Criterion					
Criterion-4 (20 marks) Database design completed and cited	**Not** designed any of the Database requirement, Entity Relationship Diagram (ERD) & Class Diagram, Tables, Data Flow Diagrams (DFD) **No** evidence that you have implemented the data encryption and anonymization of data	Has attempted **few** Database requirement, Entity Relationship Diagram (ERD) & Class Diagram, Tables, Data Flow Diagrams (DFD) **Little** evidence that you have implemented the data encryption and anonymization of data	Has attempted **some** of the Database requirement, Entity Relationship Diagram (ERD) & Class Diagram, Tables, Data Flow Diagrams (DFD) **Some** evidence that you have implemented the data encryption and anonymization of data	**Clearly and professionally** designed almost all the Database requirement, Entity Relationship Diagram (ERD) & Class Diagram, Tables, Data Flow Diagrams (DFD)**Most** evidence that you have implemented the data encryption and anonymization of data	**Clearly and professionally** designed all the Database requirement, Entity Relationship Diagram (ERD) & Class Diagram, Tables, Data Flow Diagrams (DFD) **Adequate and clear** evidence that you have implemented the data encryption and anonymization of data
Criterion-5 (20 marks) User interface design planned	**(No attempt) Did not mentioned** the User interface design methods, did not created any of the User Interface story board, input data forms, Output report forms, and Web site design concepts and layouts	Mentioned **few** User interface design methods, created few User Interface story board, input data forms, Output report forms, mentioned few Web site design concepts and layouts	Mentioned **some** User interface design methods, created som User Interface story board, input data form Output report forms, mention some Web site design concepts and layouts	**Clearly mentioned almost all** the User interface design methods, created almost all User Interf story boards, input data forms, Output report forms, clearly mentioned almost all Web site design concepts and layouts	**Clearly mentioned all** the User interface design methods, created all User Interface story board, input data forms, Output report forms, clearl mentioned all Web site design concepts and layouts
Criterion-6 (5 marks) Test plan and system implementation planned	**Did not created** a test plan and a system implementation plan **Did not** Perform 'Data Protection Impact Assessment'	Created a **vague** test plan and a vague system implementation plan **Little evidence of** performing 'Data Protection Impact Assessment'	Created a **basic** test plan and a basic system implementation plan **Some evidence of** performing 'Data Protection Impact Assessment'	Created **almost complete** test plan and a system implementation plan covering almost all the scenario **Most** information provided regarding performing 'Data Protection Impact Assessment'	Created a **complete** test plan and a system implementation plan covering all scenarios **Adequate and clear** information provided regarding performing 'Data Protection Impact Assessment'
Criterion-7 (5 marks) Referencing	**One or no** academic resources be cited for the investigation that should be placed for a particular project	**Two** academic resources be cited for the investigation that should be placed for a particular project	**Three** academic resources be cited for the investigation that should be placed for a particular project	**Four** academic resources be cited for the investigation that should be placed for a particular project	**Five** academic resources be cited for the investigation that should be placed for a particular project

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ASSESSMENT SUBMISSION

A written assignment undertaken in groups of three or four students in the form of a report addressing a selected topic related to abovementioned project. This assessment is a group project/activity and students are required to work with their respective groups. No individual submission will be accepted. You will not receive any marks for this assignment if your group members collectively report against you for non-participation or non-cooperation. You have to nominate someone as your group leader to coordinate the assignment submission. Only one submission is accepted for each group.

The assignment must be submitted online in Moodle. All materials MUST be submitted electronically in Microsoft Word format. Other formats (e.g., pdf or MAC file) may not be readable by markers. Please be aware that any assessments submitted in other formats will be considered LATE and will lose marks until it is presented in MS Word. No paper based or hardcopy submission will be accepted.

Our Academic Learning Support (ALS) team would be happy to help you with understanding the task and all other assessment-related matters. For assistance and to book one-on-one meeting please email one of our ALS coordinators (Sydney ALS_SYD@kent.edu.au; Melbourne ALS_MELB@kent.edu.au). For online help and support please click the following link and navigate Academic Learning Support in Moodle.

http://moodle.kent.edu.au/kentmoodle/course/view.php?id=5

GENERAL NOTES FOR ASSESSMENT TASKS

Content for Assessment Task papers should incorporate a formal introduction, main points and conclusion.

Appropriate academic writing and referencing are inevitable academic skills that you must develop and demonstrate in work being presented for assessment. The content of high quality work presented by a student must be fully referenced within-text citations and a Reference List at the end. Kent strongly recommends you refer to the Academic Learning Support Workshop materials available on the Kent Learning Management System (Moodle). For details please click the link http://moodle.kent.edu.au/kentmoodle/mod/folder/view.php?id=3606 and download the file titled "Harvard Referencing Workbook". This Moodle Site is the location for Workbooks and information that are presented to Kent Students in the ALS Workshops conducted at the beginning of each Trimester.

Kent recommends a minimum of **FIVE (5)** references in work being presented for assessment. Unless otherwise specifically instructed by your Lecturer or as detailed in the Unit Outline for the specific Assessment Task, any paper with less than five (5) references may be deemed not meeting a satisfactory standard and possibly be failed.

Content in Assessment tasks that includes sources that are not properly referenced according to the "*Harvard Referencing Workbook*" will be penalised.

Marks will be deducted for failure to adhere to the word count if this is specifically stated for the Assessment Task in the Unit Outline. As a general rule there is an allowable discretionary variance to the word count in that it is generally accepted that a student may go over or under by 10% than the stated length.

GENERAL NOTES FOR REFERENCING

References are assessed for their quality. Students should draw on quality academic sources, such as books, chapters from edited books, journals etc. The textbook for the Unit of study can be used as a reference, but not the Lecturer Notes. The Assessor will want to see evidence that a student is capable of conducting their own research. Also, in order to help Assessors determine a student's understanding of the work they cite, all in-text references (not just direct quotes) must include the specific page number(s) if shown in the original. Before

preparing your Assessment Task or own contribution, please review this 'YouTube' video (Avoiding Plagiarism through Referencing) by clicking on the following link: link:
http://moodle.kent.edu.au/kentmoodle/mod/folder/view.php?id=3606

A search for peer-reviewed journal articles may also assist students. These type of journal articles can be located in the online journal databases and can be accessed from the Kent Library homepage. Wikipedia, online dictionaries and online encyclopaedias are acceptable as a starting point to gain knowledge about a topic, but should not be over-used – these should constitute no more than 10% of your total list of references/sources. Additional information and literature can be used where these are produced by legitimate sources, such as government departments, research institutes such as the National Health and Medical Research Council (NHMRC), or international organisations such as the World Health Organisation (WHO). Legitimate organisations and government departments produce peer reviewed reports and articles and are therefore very useful and mostly very current. The content of the following link explains why it is not acceptable to use non-peer reviewed websites (Why can't I just Google?): https://www.youtube.com/watch?v=N39mnu1Pkgw
 (thank you to La Trobe University for access to this video).

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