



Strathmore
UNIVERSITY

FACULTY OF INFORMATION TECHNOLOGY
BACHELOR OF BUSINESS INFORMATION TECHNOLOGY
FINAL DOCUMENTATION MARKING GUIDE

BBT 2204: IS PROJECT 1

DURATION: August 2018 to November 2018

Student Number	Student Name

Project Title: _____

Area of assessment	Potential Score	Actual Score
Problem statement and objectives		
<ul style="list-style-type: none">- Is there a clear identification of a specific problem?- Are the objectives S.M.A.R.T?- Are the objectives developmental (as opposed to consequential or goal-based objectives)?- Are the objectives incremental?- Do the objectives support the achievement of the project's aim?	15	
Contribution of the project		
<ul style="list-style-type: none">- Has the significance of the project and justification for undertaking the project been clearly explained?	5	
Literature Review		
<ul style="list-style-type: none">- Has the objective-literature mapping (Literature Review sections to address each Specific Objective) been done correctly?- Does the literature review analyse what has been done before in relation to the project, what has not been done (the gap), and what the project proposes to do to address the gap?- Has adequate literature been reviewed?	10	
Familiarity with the System Development Methodology (SDM) applied		
<ul style="list-style-type: none">- Is there a specification of a clear choice between either SSAD or OOAD?<ul style="list-style-type: none">o (If SSAD) Does the SDM portray a sequential process?o (If OOAD) Does the SDM portray an incremental and iterative process?	10	

<ul style="list-style-type: none"> - Has the choice of the SDM been justified? - Have all the stages of the proposed SDM been fully explained? - Is the SDM proposed appropriate for the project? - Does the project Gantt chart correspond with the proposed SDM? - Is there a description of the method proposed to be used to gather the functional and non-functional requirements? - Is there a complete list and description of all <u>the design diagrams drawn in Chapter 4</u>? <i>That is, either SSAD-related design diagrams (use case diagram, Level 0 & Level 1 DFD, ERD/EERD, database schema, and GUI designs) or OOAD-related design diagrams (use case diagram, class diagram, sequence diagram, database schema, and GUI designs)</i> - Has a system architecture diagram been drawn to define the structure, behaviour, and views of the proposed system? 		
Justification of tools chosen		
<ul style="list-style-type: none"> - Is there an acceptable justification for each tool proposed to be used in the development of the Information System? E.g. choice of IDE, choice of programming language, choice of DBMS, etc. - Has the proposed Information System's domain of execution (e.g. mobile-based, web-based, desktop application, etc.) been correctly identified and justified? - Is there a logical mapping from the Title, to the objectives, to the Literature Review topics, to the methodology, and lastly to the proposed tools to be used? 		5
Analysis		
<ul style="list-style-type: none"> - Do the functional and non-functional requirements, specified in the analysis section, support the solution to the problem? 		10
Design (Either SSAD or OOAD without mixing the two approaches)		
<p><u>Structured System Analysis & Design (SSAD)</u></p> <ol style="list-style-type: none"> 1. Is the design approach process-oriented? 2. Is the use case diagram present and correct? 3. Is the DFD (level 0 and level 1) present and correct? 4. Is the ERD or EERD present and correct? 5. Is the database schema present and correct? 6. Are the GUI designs of forms and reports (mockups/wireframes) present and appropriate? 	<p><u>Object Oriented Analysis and Design (OOAD)</u></p> <ol style="list-style-type: none"> 1. Is the design approach data-oriented? 2. Is the use case diagram present and correct? 3. Is the class diagram present and correct? 4. Is the sequence or activity or state diagram present and correct? – either of the three 5. Is the database schema present and correct? 6. Are the GUI designs of forms and reports (mockups/wireframes) present and appropriate? 	20
Information System testing and implementation		
<ul style="list-style-type: none"> - Are the test cases S.M.A.R.T. and present? - Have all the functional requirements been tested? - Is there a user manual that specifies how to install and use the system? 		10

