**Bachelor of ICT - BCIS301-AMIC700 Assessment Number 1**

***The completed work (report) is due at 5 pm on the 15th of October 2019***

**Overview**

This assessment relates to developing a tool for assessing the risk of failure of IT deployment projects.

The assessment covers most of the competencies that have been discussed in the *IT deployment planning* section of your workshops – including systematic data gathering, qualitative analysis of data, strategic analysis, and strategic evaluation.

The assessment is expected to include:

1. Analysis of three articles discussing real IT deployment initiatives that failed. The sources will be made available.
2. Analysis of one successful IT deployments.
3. Using the outcome of the analysis to build a risk assessment tool – to identify potential failure risk of projects.
4. Compiling a report to outline the entire work you had undertaken.

You are expected to deliver:

1. Your data and qualitative analysis of data electronically via email. Please make sure that the subject of your email is ‘BCIS301 – S2 2019 – Data Analysis - name.’ Make sure you include your names. Only one set of data per team is to be submitted.
2. Your report printed in hard copy – please see Appendix A for more information about the expectations of the report. The report is to be delivered to Sandy (N216) or dropped in the assignment box by Sandy’s office (inside the Department’s office areas and next to Sandy’s office).

The results will be announced within ten working days of the submission of the assignment. If there are any changes in the timeline of returning the results, you will be notified of the change.

**Phases of the assessment**

1. Form teams of two students –completed.
2. Conduct qualitative data analysis of resources – completed.
3. Conduct the final analysis of themes to shape groups of themes.
4. Build a risk assessment tool.
5. Complete your report – please see the guide (Appendix A) for expectations of what should be included in the report.

**How is your work marked?**

Competencies assessed were outlined in the ‘overview’ section – please check.

The marking model includes criteria and the method of rating your work on given criteria. The scoring is a simple technique that considers four categories:

* Excellent: marked either 9 or 10
* Good practice: Marked as either 7 or 8
* Acceptable but borderline: Marked as either 5 or 6
* Inadequate needs significant improvement: Marked from 0 to 4

The criteria and the relevant weighting is as follows:

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| --- | --- | --- | --- |
| **What is assessed** | **What is expected** | **How important is it?** | **Your score** |
| Introduction | See Appendix A. | 5 |  |
| Methodology | See Appendix A. | 5 |  |
| Data gathering and data analysis  (includes both what you present in the report and the raw data you submit electronically) | Includes: using the agreed method, connects to the methodology, the relevance of data, adequacy and volume of data, data reduction/grouping, relevant categories and themes identified, themes and categories connect of the purpose of the investigation, the analysis is adequately discussed in the main body of the report | 25 |  |
| Discussions, analysis, the main body of the report | As outlined above in the section explaining the expectations of the report. | 20 |  |
| Outcome: your proposed model/tool for risk assessment | The evaluation model is expected to be connected to the data from the case studies. | 15 |  |
| Managing the process of completing your work | Ongoing engagement with teaching staff presenting your work for assessment and feedback throughout all support sessions. | 20 |  |
| Conclusions | As outlined above in the section explaining the expectations of the report. | 5 |  |
| Standards of the report | Presents the work as one team is structured adequately, sections flow appropriately and connect o each other well. | 5 |  |
| Testing the tool (the model) | Use a deployment project to show your evaluation tool works. | 10 |  |

**Appendix A**

**Writing the report - explaining your data and your analysis**

|  |  |  |
| --- | --- | --- |
| **Section/Task** | **Purpose** | **Contents** |
| Introduction | As a practitioner, you are required to demonstrate that you have a clear understanding of the task you are performing. The purpose of the introduction is for the practitioner to demonstrate a clear understanding of the task at hand. | The introduction should include:   * What is the task? * What is the purpose? * What are you delivering, and what is the use of it? * How is your report structured? * Any other information you see as being important to include. |
| Structure | A professional report at workplaces must consider a structure that helps readers understand discussions more effectively. Structure helps the flow of the contents and a logical connection between sections. | Look at your analysis outcome and the groups of themes or factors. It is a good place to think about shaping the main headings of the write-up. |
| Methodology | As an IT professional, you must demonstrate how you get data and how you analyse it to support your discussions and recommendations. | * What are your sources of data * How did you find them? Where from? * Why did you select these particular sources? * What was your approach to the analysis of data? * Any other important issue related to the methodology you would like to present. |
| The main body of the report | Explaining the outcome of the analysis | Implement the structure and describe your analysis. Provide examples/evidence to justify that your work is accurate and based on data. |
| ***Conclusion, summary, reflection*** | Demonstrate your in-depth knowledge of the work you have completed and your confidence in pointing out the key points in a concise fashion. | Present a summary of what you did. Explain limitations. Outline what worked and what did not. Suggest how the outcome you delivered may be improved. Explain what your contribution to the IT community is? What is the value of your work? |