VCE Applied Computing: Performance Descriptors

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| **SOFTWARE DEVELOPMENT UNIT 4 OUTCOME 2**  **SCHOOL-ASSESSED COURSEWORK** | | | | | |
| **Performance Descriptors** | | | | | |
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| ***Unit 4***  ***Outcome 2***  ***Respond to a teacher-provided case study to examine the current software development security strategies of an organisation, identify the risks and the consequences of ineffective strategies and recommend a risk management plan to improve current security practices.*** | **DESCRIPTOR: typical performance in each range** | | | | |
| **Very low** | **Low** | **Medium** | **High** | **Very high** |
| Limited discussion of the current security controls used to protect software development practices and to protect software and data. | Some analysis and discussion of the current security controls used to protect software development practices and to protect software and data. | Sound analysis and discussion of the current security controls used to protect software development practices and to protect software and data. | Detailed analysis and discussion on the current security controls used to protect software development practices and to protect software and data. | Comprehensive analysis and discussion of the current security controls used to protect software development practices and to protect software and data. |
| Limited identification or discussion of the potential risks to software and data security. | Some identification and discussion of the potential risks to software and data security. | Sound identification and discussion of the potential risks to software and data security. | Detailed identification and discussion of the potential risks to software and data security. | Comprehensive identification and discussion of the potential risks to software and data security. |
| Limited relevant evaluation criteria to measure the effectiveness of the current security practices are proposed. | Some relevant evaluation criteria to measure the effectiveness of the current security practices are proposed. | Sound range of relevant evaluation criteria to measure the effectiveness of the current security practices are proposed and applied. | Detailed set of relevant evaluation criteria to measure the effectiveness of the current security practices are proposed and applied. | Comprehensive set of relevant evaluation criteria to measure the effectiveness of the current security practices are proposed and applied. |
| Limited identification of the possible legal or ethical consequences of ineffective security practices. | Some understanding of the possible legal or and ethical consequences of ineffective security practices. | Sound understanding of the possible legal and ethical consequences of ineffective security practices. | Detailed understanding of the possible legal and ethical consequences of ineffective security practices. | Comprehensive understanding of the possible legal and ethical consequences of ineffective security practices. |
| Few recommendations are made to improve the current security practices as part of a risk management plan. | Some recommendations are made and justified to improve the current security practices as part of a risk management plan. | Sound recommendations are made and justified to improve the current security practices as part of an effective risk management plan. | Detailed recommendations are made and justified to improve the current security practices as part of an effective risk management plan. | Comprehensive recommendations are made and justified to improve the current security practices as part of an effective risk management plan. |

KEY to marking scale based on the Outcome contributing 100 marks

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| Very Low 1–20 | Low 21–40 | Medium 41–60 | High 61–80 | Very High 81–100 |