| VCE Software Development: School-assessed Task 2017 | | | | | | | | | | | | | | | | |
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| **Assessment Criteria** | Levels of Performance | | | | | | | | | | | | | | | |
| **Not shown** | **1–2 (low)** | | | **3–4** | | | **5–6 (medium)** | | | **7–8** | | | **9–10 (high)** | | |
| **7.**  Skills and  strategies for testing a software solution to meet a specific need or opportunity  **or opportunities** |  | Documents **limited** test data and performs limited tests. **Many** logic errors are undetected.   * Limited testing * Some testing of objects * Lists some actual output * Many logic errors   Prepares and conducts, **for one user**, a **brief** and general useability test. Uses **limited testing** techniques.   * Preparation of test * Conduct of survey for one user * Limited testing techniques   Documents **informally limited** evidence of the useability test.   * Limited evidence (results) of surveys * Limited documentation   Implements **few** modifications to the solution as a result of useability testing.   * Implements few modifications | |  | Documents generally a **small range** of test data and applies **some suitable** testing techniques.  Some key logic errors are undetected.   * Small range of testing * Some suitable testing of objects and validation * Lists some expected and actual output * Some key logic errors   Prepares a **general useability** test. Conducts the test for **one user** using **some** suitable techniques. **Meets user requirements**.   * Preparation of general useability test * Conduct of survey for more than one user * Some suitable testing techniques * Meets user requirements   Documents **general results** of the useability test.   * Documents some results of surveys * Some evidence of surveys   Implements **some** modifications to the solution as a result of useability testing.   * Implement some modifications | |  | Documents **formally** a **range** of test data and applies suitable techniques for detecting **most** logic errors.   * Range of testing * Suitable testing of objects and validation * Lists expected and actual output * Most logic errors detected   Prepares a useability test that is **specific to some requirements** of the solution. Conducts the test for the **required number of users** and uses **suitable testing** techniques.   * Preparation of specific useability test * Conduct of survey for number of users * Uses suitable testing techniques * Meets user requirements   Documents **accurately most** results of the useability test in an organised manner.   * Documents most results of surveys * Organised results of useability test   Implements **most** modifications to the solution as a result of useability testing.   * Implements most necessary modifications | |  | Documents formally a **wide range** of relevant test data and applies suitable testing techniques. **Minor** logic errors exist but **do not reduce the capacity** of the solution to meet is requirements.   * Wide range of testing * Suitable testing of objects and validation * Lists expected and actual output * Minor logic errors exist * Meets requirements   Prepares a useability test that is appropriate to targeting specific **key requirements of the solution**. Conducts the test using a **range** of suitable techniques and meets user requirements.   * Preparation of appropriate useability test * Conduct of survey for number of users * Uses a range of suitable testing techniques * Meets user requirements   Classifies and documents **accurately all** the results of the useability test.   * Classifies results of surveys * Documents results of useability test   Implements **key** modifications to the solution as result of useability testing.   * Implement all necessary modifications | |  | Documents formally and **clearly** a **comprehensive** range of relevant test data. Applies suitable techniques to detect **all** logic errors.   * Comprehensive testing * Range of testing: * Objects * Validation * Expected and actual output * No logic errors   Prepares a useability test that **comprehensively** covers **all** targeted requirements of the solution. Conducts test using a **set of suitable** techniques and meets user requirements.   * Preparation of test * Conduct of survey * Users * Surveys meet requirements   Documents in detail a **logically classified set of accurate** results of the useability test.   * Documentation of results of surveys * Evidence of survey * What did the results say?   Implements **all** necessary modifications to the solution as a result of useability testing.   * Implements all necessary modifications | |  |