Authentication record form: VCE Applied Computing: Unit 3 Software Development SAT 2023

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This form must be completed by the class teacher. It provides a record of the monitoring of the student’s work in progress for authentication purposes. This form is to be retained by the school and filed.   
It may be collected by the VCAA as part of the School-based Assessment Audit.

Student name …………………………………………………………….. Student No

School …………………………………………………………………… Teacher: ……………………………………..………………………………………………….

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| **Component of School-assessed Task** | **Date observed and submitted** | **Teacher comments** | **Teacher’s initials** | **Student’s initials** |
| **Observation 1: Identification of need or opportunity**  The student has identified/has documented a real-world need or opportunity that can be solved as a software solution. The teacher has approved or not approved the need or opportunity. | Observed | Observation of need or opportunity |  |  |
| Submitted | Submission of need or opportunity |  |  |
| **Observation 2: Preparation of a project plan**  **(Criterion 1)**  The student is preparing/has prepared a Gantt chart for both parts of the SAT (Unit 3 Outcome 2 and Unit 4 Outcome 1). | Observed | Observation of the development of the project plan |  |  |
| Submitted | Submission of project plan |  |  |
| **Observation 3: Development model**  **(Criterion 2)**  The student has selected and is documenting/has documented the use of an appropriate development model. | Observed | Observation of the documenting of the development model |  |  |
| Submitted | Submission of the development model |  |  |
| **Observation 4: Collection of data**  **(Criterion 3)**  The student has identified appropriate data and data collection methods for analysis and development of the software requirements specification. | Observed | Observation of the collected data |  |  |
| Submitted | Submission of collected data |  |  |
| **Observation 5: Development of a software requirements specification**  **(part of Criterion 3; Criterion 4)**  The student is documenting/has documented the analysis in the form of a software requirements specification with the inclusion of analytical tools. | Observed | Observation of the development of the software requirements specification |  |  |
| Submitted | Submission of the software requirements specification |  |  |
| **Observation 6: Design folio**  **(Criterion 5)**  The student is developing/has developed a folio of design ideas, evaluation criteria and their preferred detailed design. | Observed | Observation of the development of designs |  |  |
| Submitted | Submission of design folio |  |  |

I declare that all resource materials and assistance used have been acknowledged and that all unacknowledged work is my own.

Student signature ………………………………………………………………… Date …………………………………

Authentication record form: VCE Applied Computing: Unit 4 Software Development SAT 2023

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Student name …………………………………………………………….. Student No

School …………………………………………………………….…….... Teacher: ……………………………………..…………………………………………………….

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| **Component of School-assessed Task** | **Date observed and submitted** | **Teacher comments** | **Teacher’s initials** | **Student’s initials** |
| **Observation 7: Development of the software solution  (Criterion 6 and 7)**  The student is developing/has developed and tested the software solution. | Observed | Observation of the development of the software solution |  |  |
| Submitted | Submission of the software solution |  |  |
| **Observation 8: Usability testing**  **(Criterion 8)**  The student is preparing and conducting/has prepared, conducted and documented the results of the usability tests. | Observed | Observation of the preparation of usability testing |  |  |
| Submitted | Submission of usability testing |  |  |
| **Observation 9: Evaluation of the software solution and development model**  **(Criterion 9)**  The student is documenting/has documented the evaluation of the software solution and the development model. | Observed | Observation of the development of the evaluation |  |  |
| Submitted | Submission of the evaluation |  |  |
| **Observation 10: Assessment of the project plan**  **(Criterion 10)**  The student is documenting/has documented the assessment of the project plan. | Observed | Observation of the development of the assessment of the project plan |  |  |
| Submitted | Submission of the assessment of the project plan |  |  |

I declare that all resource materials and assistance used have been acknowledged and that all unacknowledged work is my own.

Student signature …………………………………………………… Date …………………………………