Authentication record form: VCE Applied Computing: Unit 3 Software Development SAT 2025

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |

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: ……………………………………..………………………………………………….

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Component of School-assessed Task** | **Date observed and submitted** | **Teacher comments** | **Teacher’s initials** | **Student’s initials** |
| **Observation 1: Development of a brief and project plan**  **(Criterion 1)**  The student is developing/has developed a brief documenting a real-world problem, need or opportunity that can be solved as a software solution. The teacher has approved or not approved the problem, need or opportunity. 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 brief and the preparation of the project plan |  |  |
| Submitted | Submission of the brief and the project plan |  |  |
| **Observation 2: Documentation of the analysis (Criterion 2)**  The student is documenting and preparing /has documented and prepared the data and data collection methods for analysis. The student is using/has used analytical tools. | Observed | Observation of the documenting and preparing of the data for analysis and the use of analytical tools |  |  |
| Submitted | Submission of the documenting and preparing of the data for analysis and the use of analytical tools |  |  |
| **Observation 3: Development of a software requirements specification (Criterion 3)**  The student is documenting/has documented the analysis in the form of a software requirements specification. | Observed | Observation of the development of the software requirements specification |  |  |
| Submitted | Submission of the software requirements specification |  |  |
| **Observation 4: Generating design ideas and developing evaluation criteria (Criterion 4)**  The student is generating/has generated their design ideas and is developing/has developed their evaluation criteria. | Observed | Observation of the generation of the design ideas and the development of the evaluation criteria |  |  |
| Submitted | Submission of design ideas and evaluation criteria |  |  |
| **Observation 5: Producing detailed designs (Criterion 5)**  The student is developing/has developed the detailed designs. | Observed | Observation of the production of the detailed designs |  |  |
| Submitted | Submission of the detailed designs |  |  |

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 2025

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |

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: ……………………………………..…………………………………………………….

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Component of School-assessed Task** | **Date observed and submitted** | **Teacher comments** | **Teacher’s initials** | **Student’s initials** |
| **Observation 6: Development of the software solution (Criterion 6)**  The student is using/has used a range of features of a programming language to develop the software solution. The student is using/has used a range of data types, data structures and data sources. | Observed | Observation of the development of the software solution |  |  |
| Submitted | Submission of the software solution |  |  |
| **Observation 7: Development of the software solution  (Criterion 7)**  The student is developing/has developed naming conventions, internal documentation and validation techniques. | Observed | Observation of the development of the software solution |  |  |
| Submitted | Submission of the software solution |  |  |
| **Observation 8: Debugging and alpha testing the software solution (Criterion 8)**  The student is debugging and alpha testing/has debugged and alpha tested the software solution. | Observed | Observation of the debugging and alpha testing of the software solution |  |  |
| Submitted | Submission of the debugging and alpha testing of the software solution |  |  |
| **Observation 9: Conducting Beta testing (Criterion 9)**  The student is preparing and conducting/has prepared and conducted the beta testing. The student is documenting/has documented the results of the beta testing. The student is recommending/has recommended modifications to the software solution. | Observed | Observation of the preparation, conducting and documenting of beta testing |  |  |
| Submitted | Submission of beta testing |  |  |
| **Observation 10: Evaluation of the software solution and assessment of the project plan (Criterion 10)**  The student is documenting/has documented the evaluation of the software solution and the assessment of the project plan. | Observed | Observation of the evaluation of the software solution and assessment of the project plan |  |  |
| Submitted | Submission of the evaluation of the software solution and 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 …………………………………