Learners will need to be able to demonstrate through their written work, what and how they met the requirements of the 21 learning areas below. It must be work the learner did themselves so they can write and talk about each aspect and provide examples supported by evidence.

Unit	Unit Requirements
Duties **1** & **5**	Able to **interpret given requirement**s to estimate time and effort required to deliver the work product to enable accurate costs to be established. Convert **customer requirements** into **technical requirements**, functional and non-functional to ensure that customers' expectations are accurately reflected in the software products developed.
Duties **2** & **6**	Able to **break development activities** down into **logical units of work** to ensure the best possible structuring of activities to deliver a high-quality product right first time. To be able to **identify** and **select** the most appropriate **technical solution**, taking into consideration coding best practice and appropriate quality standards.
Duty **9**	Able to **write logical** and **maintainable software solutions** to meet the design and organisational coding standards (**software development lifecycle -implementation/build phase**).
Duties **7** & **8**	Able to **consider security implications** of proposed design to ensure that security considerations are built in from inception and throughout the development process and then apply **security best practice** to the software solution throughout the software development life cycle.
Duties **3**, **9** & **19**	Able to **effectively communicate** to a range of external and internal stakeholders. **Report progress accurately** throughout the project using organisation reporting procedures. Able to work within Service Level Agreements (SLA) and **deliver good customer service**.
Duties **4**, **14** & **15**	Able to **undertake testing procedures**, **identify** and **report any issues**, propose practical solutions to issues. Test those solutions to success. Record results in accordance with organisational procedures.
Duties **12**, **13** & **20**	To be able to **implement** and **track change control requests** and **manage quality risks**. **Apply bug fixes** and **apply appropriate recovery techniques** to ensure the software solution being developed is not lost
Duties **11** & **16**	Be able to **create** and **maintain appropriate project documentation** to explain the development process and resources used. Be able to **deliver** a suitably **documented deployment solution**.
Duties **17** & **18**	Support **delivery of deployment phases**, such as trials and final release to ensure that outcomes are deployed correctly. Be able to **provide support during software trials** and after final release to ensure that customers understand and can correctly apply the product, and risks are mitigated.
Duty **21**	Practice **continuous self-learning** to keep up to date with technological developments to enhance relevant skills and take responsibility for own **professional development**.

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