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| **Qualification Details** | | | |
| **Training Package Code & Title** | ICT Information and Communications Technology Training Package | | |
| **Qualification National Code & Title** | ICT50718 Diploma of Software Development | **State code:** | **BEG8** |

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| **Units of Competency (UoC) | Week/Stage/Block/Cluster : Java III** | |
| **Unit National code and title** | **State Code** |
| ICTPRG532 - Apply advanced object-oriented language skills | OAQ10 |
| ICTPRG529 Apply testing techniques for software development | AUV95 |

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| Question 1 | Produced predesign specification document |  |
| Question 1 | Document has UML |  |
| Question 1 | Document has test table |  |
| Question 1 | Document shows sample unit tests |  |
| Question 1 | Document shows GitHub repo |  |
| Question 2 | Product Specification Design document created from template |  |
| Question 2 | Product Specification Design document has implementation plan |  |
| Question 2 | Product Specification Design document has version control repo details |  |
| Question 2 | Product Specification Design document has a test plan with test cases |  |
| Question 2 | Product Specification Design document has been reviewed from predesign document |  |
| Question 2 | Has been signed off |  |
| Question 3 | Has dynamic data structures |  |
| Question 3 | Has hashing techniques |  |
| Question 3 | Has sorting algorithm |  |
| Question 3 | Has searching algorithm |  |
| Question 3 | Uses third party library |  |
| Question 3 | Has GUI |  |
| Question 3 | Adheres to code standards |  |
| Question 3 | Must have help files |  |
| Question 4 | Test documentation complete (test table and screenshots) |  |
| Question 4 | Has input data for testing |  |
| Question 4 | Has Junit tests |  |
| Question 4 | Has screenshots of testing |  |
| Question 4 | Has test records |  |
| Question 4 | Has evaluated the test results |  |
| Question 4 | Has shown and fixed errors |  |
| Question 4 | Has saved junit tests to github |  |
| Question 4 | Has demonstrated to lecturer |  |