

**OVERALL DECISION: COMPETENT**

**Assessment 08 Pseudocode and Documentation (115388)**

*Hello and welcome to the assessment. Here you’ll prove to the world just how much you know and understand about what you’ve just learnt in the learner guides. This is an important part of your time at Umuzi because once this is done, you’ll be certified! So please, take this time to learn everything you can! Take a look at some pointers below with regard to answering the questions…*

* *Be specific*
* *Write professionally - no shorthand!*
* *Your answers must be original and come from your brain and your brain only.*
* *No copy/paste tricks! Our markers have seen it all and will know if you’re taking shortcuts.*
* *Remember, sloppy or poor work will be sent back to you to do again, so do it properly the first time and you’ll be done in no time.*
* *Ask for help at any time. Ask your friends, a manager, anybody!!*
* *Don’t skip any questions! You must do them all!*
* *You’ll see two boxes after each question - one for your answer and one for the marker’s comments. DO NOT delete the marker’s comments if you are required to resubmit your work after the first attempt. Should you have to do it again you will see a new box* ***under*** *the marker’s comments, so fill that one out in* ***BLUE****. Remember!! It’s not the end of the world if you have to resubmit. You’re here to learn, so don’t beat yourself up if you don’t get it right on the first go. Obviously, try your best to get it right on the first attempt, but if not, you have another chance to do it properly!*

*Ok, and that’s that! Time to get to it! Good luck, have fun and enjoy! :)*

**Enter your name and surname below**

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| **Sinethemba Zulu** |

**1.** **Describe the best practices for Agile software documentation (8 - SO:1 AC:1-2)**

**Your answer below**

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| **Agile documentation best practices:**   1. **Only relevant information**   Agile suggests that only the important information should be documented, and sometimes documentation can be done using the information that everyone knows because it helps to get fundraising. This documentation should also include what is needed by customers and  decisions must also be documented to keep track of decisions that have been taken. **** |
| **2.Wait before documenting: **  This method helps to stay away from false information, documentation is done after decision has been implemented.This helps us to minimize cost, time and effort , spent on redoing the document. Code should be documented with comments/pseudocode before writing any code. **** |
| **3. Be specific**  When documenting, you should be specific and not use any template because you should stick to what is required but not including irrelevant information.You must keep in mind that customers are differ from each and they don’t like the same thing so it is advisable to ask them what content you should put in your document. **** |
| **4.Keep it all in one place**  Technical design documents must be kept available and transparent for everyone who might need to look at it. All papers must be in order and kept in one place. **** |

**Marker’s Comments**

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| **Correct** |

**2. Explain how and why to document each function in a program you develop (5 - SO:2 AC:1-3)**

**Your answer below**

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| When documenting each function in a program, you should write pseudocode in a preferred text editor and it should be written as comments.You should also write comments in each an every function and describe what it does. ****  **Why is it important …**  It tells us what the function does, let’s the coder know that it’s a constructor function, and then lists what all of the parameters of the function are used for. **** |

**Marker’s Comments**

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| **Correct** |

**3. Provide an example of how you would make a high-level summary of a software file you have created. (5 - SO:1 AC:1-4 & 378 SO:4 AC:1-4)**

**Your answer below**

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| Every programming language requires to have a description of how the coding was done. You can make it easier for other users who will be relying on the software you've completed, and the best way is to report on the source code. ****   * Write the authors’s name**** * put the projects link **** * Put a link of the author’s**** * Write a description of the project**** * Write a version of the project**** * Write a license number**** * Put a link of the license**** |
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**Marker’s Comments**

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| **Incorrect. A dissertation is not a software file. Explain how you’d make summary using a software file.** |

**Marker’s Comments**

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| **Correct after remediation** |

**4. Explain the importance of creating documentation for end users and reviewing that documentation for completeness, especially when developing a large program (6 - SO:3 AC:1-2)**

**Your answer below**

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| Creating documentation for end users is very important because it solves tells how software can solve their problem. It consists of FAQs, Video tutorials,Embedded assistance, Support Portals to provide best service for end user.It helps to maintain the existing documentation**. ** |

**Marker’s Comments**

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| **Correct** |