**ASSESSMENT AND INTERNAL VERIFICATION FRONT SHEET (Grouped Criteria)**

**(Note: This version is to be used for an assignment brief issued to students via Classter)**

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| Course  Title | | **B.Sc. (Hons.) Software Development** | | | **Lecturer Name & Surname** | **Andrew Cortis****Kassandra Calleja** | | |
| Unit Number & Title | | | ITSFT-606-1619 Data Structures and Algorithms II | | | | | |
| Assignment Number, Title / Type | | | 1, Advanced Algorithms / Home | | | | | |
| Date Set | | | 5th March, 2025 | Deadline Date | 16th March, 2025 | | | |
| Student Name | Lee Xerri | | | ID Number | 446203L | | Class / Group | SWD-6.3A |

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| Assessment Criteria | Maximum Mark |
| *KU1.3: Extend a data structure to explain how it can be used to solve a problem.*  *KU2.2: Show how a data structure and/or an algorithm can be used for solving a chosen problem.*  *KU3.1: Compare different algorithms or methods for solving a problem.*  *KU4.1: Illustrate how an implemented application works for a given problem.*  *AA1.4: Implement a data structure and algorithms related to the given data structure.*  *AA2.3: Apply the correct data structure and/or algorithm to solve a chosen problem.*  *AA2.4: Interpret the results of applied data structures and/or algorithms.*  *AA3.2: Investigate applications of data structures and algorithms.*  *SE3:3: Design and implement a solution to a problem using data structures and algorithms.*  *SE3.4: Create a structure to solve a given problem.*    *Total Mark* | 68 |

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| **Notes to Students:** |
| * This assignment brief has been approved and released by the Internal Verifier through Classter. * Assessment marks and feedback by the lecturer will be available online via Classter (<http://mcast.classter.com>) following release by the Internal Verifier * Students submitting their assignment on Moodle/Turnitin will be requested to confirm online the following statements:   **Student’s declaration prior to handing-in of assignment**   * I certify that the work submitted for this assignment is my own and that I have read and understood the respective Plagiarism Policy   **Student’s declaration on assessment special arrangements**   * I certify that adequate support was given to me during the assignment through the Institute and/or the Inclusive Education Unit. * I declare that I refused the special support offered by the Institute. |