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

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| Course  Title | BSc in Software Development/Multimedia Software Development | | | | Lecturer Name & Surname | Daren Scerri | | |
| Unit Number & Title | | | [ITIMG-606-1601](https://moodle.mcast.edu.mt/course/view.php?id=350)Image Processing and Computer Vision | | | | | |
| Assignment Number, Title / Type | | | Assignment 3 – Automated Passport Photo Taking with Computer Vision (Home Assignment) | | | | | |
| Date Set | | | 11/12/2019 | Deadline Date | 20/01/2019 | | | |
| Student Name | |  | | ID Number |  | | Class / Group |  |

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|  | *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 (Tick only if applicable)***   * *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.* | | | |
| Student Signature: | |  | **Date :** |  |

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| Assessment Criteria | Maximum Mark | Mark Achieved |
| **KU6 -** Discuss the effects of geometric transformations on images.  **SE2 -** Evaluate and research possible scenarios for the application of object detection and tracking algorithms. **AA4 -** Develop and test an algorithm which involves the use of geometric transformations.  **KU7 -** Discuss the relevance of edge-finding and feature-finding algorithms.  **SE1 -** Compare algorithms that can be used for feature / corner detection.  **SE3 -** Combine algorithms in order to create a working object recognition application. | 5  10  7  5  10  10 |  |
| Total Mark | 47 |  |

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| **Assessor’s feedback to student** |
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| ***(If necessary, use reverse side of page for IV feedback on assignment brief / sample of assessment decisions)*** |

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|  | **Name & Surname** | **Signature** | **Date** |
| **Internal Verifier :** Approval of a*ssignment brief* |  | For approval signature, please refer to electronic audit trail |  |
| **Lecturer / Assessor :** Issue of results and feedback to student |  | For approval signature, please refer to electronic audit trail |  |
| **Internal Verifier :** Approval of *assessment decisions (Sample)* |  | For approval signature, please refer to electronic audit trail |  |
| **Learner’s signature upon collection of corrected assignment.** | |  |  |