

ASSESSMENT AND INTERNAL VERIFICATION FRONT SHEET (Grouped Criteria)

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

Course Title	B.Sc. (Hons.) Software Development			Lecturer Name & Surname	Andrew Cortis Ryan Attard	
Unit Number & Title		ITSFT-506-2012 Securing Applications				
Assignment Number, Title / Type		2, HBA / Home				
Date Set		4 th April 2024	Deadline Date	20 th May 2024		
Student Name	Andrea Baldacchino		ID Number	349000L	Class / Group	6.2A

Assessment Criteria	Maximum Mark
<i>KU1.3: Identify entry points and possible exploits in each scenario</i> <i>AA2.1: Produce a solution that mitigates against XXE and XSS</i> <i>AA2.2: Produce a solution that mitigates against injection (sql, command, file, etc)</i> <i>AA2.3: Employ monitoring and logging while arranging various logs and error logs such that handling of these logs is done in a secure way</i> <i>SE2.4: Analyze and employ a strong authentication and authorization techniques against bypasses, directory traversals, etc</i> <i>SE3.3: Assess the shortcomings in a given scenario of using a simple cryptographic technique and develop a solution</i> <i>AA4.2: Make use of third-party tools/scanners to help in the identification of vulnerabilities</i> <i>SE4.3: Compose a post assessment testing report which should draw conclusions about the security of a given scenario/application</i> Total Mark	63

Notes to Students:
<ul style="list-style-type: none"> 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/Unicheck will be requested to confirm online the following statements: <ul style="list-style-type: none"> Student's declaration prior to handing-in of assignment <ul style="list-style-type: none"> ❖ 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 <ul style="list-style-type: none"> ❖ 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.