CALLAGHAN COLLEGE JESMOND SENIOR CAMPUS

'Collaborating to Empower Learners'

HSC ASSESSMENT TASK NOTIFICATION

Software Design and Development

Module/s	Developing a Solution Package
Task No	4
Weighting	40%
Allocated marks	100
Task Type	Skills / Project
	■ In class ■ At home
Date Given	Week 3 – Wednesday 26th October
Due Date	Stage 1 (DRAFT): Understanding the problem, Planning and Designing – Monday of Term 1 Week 3 .
	Stage 2 (DRAFT): Implementation - Friday of Term 2 Week 2.
	Stage 3: (FINAL) Test, Evaluate and Maintain - Term 3 Week 4. Monday 7th August
Time allowed (if applicable)	
Teacher/s	Mr Fairweather

Submission requirements:
- Acknowledge that it is your work and contains no plagiarised content to the best of your knowledge.
- The task is due for submission on the date and time listed above.
- It is your responsibility to submit the task by the due date and time, if you are unable to do this, you must upload to Newee, email, or submit the task to the Classroom Teacher/Head Teacher/School Office **before** the due date and time.
- Tasks submitted after the due date and time, <u>may receive a mark of zero</u>.
- Late submission of this task must be accompanied by the appropriate documents and evidence as outlined in the<u> School Assessment – Procedures and Schedules booklet</u>, within 5 days of the due date.
- **Hand-in tasks MUST be submitted no later than 8.30am**
- HSC: All My Own Work – all students must follow the principles and practices of good scholarship; <u>Being honest and ethical, Listing all your sources and Using your own words</u>.

Outcomes to be assessed:
- H3.2 constructs software solutions that address legal, social and ethical issues
- H4.2 applies appropriate development methods to solve software problems
- H4.3 applies a modular approach to implement well structured software solutions and evaluates their effectiveness
- H5.1 applies project management techniques to maximise the productivity of the software development
- H5.2 creates and justifies the need for the various types of documentation required for a software solution
- H5.3 selects and applies appropriate software to facilitate the design and development of software solutions
- H6.1 assesses the skills required in the software development cycle
- H6.2 communicates the processes involved in a software solution to an inexperienced user
- H6.3 uses and describes a collaborative approach during the software development cycle
- H6.4 develops and evaluates effective user interfaces, in consultation with appropriate people

Task Description:
Project work in the HSC course is intended to reinforce the content covered in the other topics in the course. Students need to experience working collaboratively with their peers and others, as this is common in the computing field beyond school. To be able to develop software successfully, students need to be able communicate well with others. Project work gives students these opportunities. The development of project(s) will build students' understanding of the content dealt with elsewhere in the course and should be integrated throughout the duration of this course.