CS6P05 Project Artefact Progress Submission General Guidelines

The CS6P05 project is a core module for a range of courses from Computing, Business IT, Cyber Security and Digital Forensic / Computer Networking. The specific constituents and format of a project's artefact depend on the subject area and the type of the project.

The British Computer Society accreditation requirement 2.5.3 dictates that: -

> *"Projects must include the students undertaking practical work of some sort using computing/IT technology. This is most frequently achieved by the creation of an* ***artefact*** *as the focus for covering all or part of an implementation life-cycle. Dissertations based solely on literature review activity and/or user/market surveys are not acceptable."*

The guidelines presented here are general in nature. Project artefact packages to be submitted for this assessment are specified in the table below for the software development and investigative types of projects. **Your software/ hardware artefact must be accompanied by explanatory notes**. The length of the explanatory notes document: a limit of between 1000 and 2500 words is recommended, i.e. between 2 to 5 A4 pages.

There are specific requirements for the project in each specialist area of your BSc programme. Hence**, it is always best to check if your supervisor would like you to include any additional items in the artefact submission, which may be specific to your project.**

Software Development Project Artefact	Investigative Project Artefact
The project's most important artefact is the software/hardware product of your project, which was produced by applying your chosen structured software development methodology.	*The project's artefact is the research output/findings and any software/hardware, which were produced as the result of applying your research methodology as determined in the Solution Design chapter of your interim report.*
The software development project artefact submission should include: - 1. All computer programs and data files that are required for installing, executing and testing your software; 2. Hardware artefact (if any) as agreed with your supervisor; 3. A concise description of your software / hardware (if any), including which of the functions from your specification have been implemented, which remain to be implemented or enhanced; 4. A brief technical description of purposes of the individual files and folders; 5. Clear and detailed technical instructions of how to install, set up, start up and test the implemented functions of your software application; 6. *Any additional items as required by your supervisor.*	*The investigative project artefact submission should include: -* 1. A concise description of your research output/findings, indicating which of the key research questions from your problem statement have been solved, and which remain to be investigated or enhanced; 2. Collected/sample datasets, completed survey responses, interview notes/media recordings, and any software tools created in the project; 3. A concise description of the purposes of the collected data and data collection method/s, and the software tools; 4. A technical description of how the data were cleansed, processed and/or analysed, and which methods were employed, e.g. using statistical modelling or by experiments, etc. 5. An explanation of how the conducted analysis / experiments and its findings help answering your investigation's key questions, confirming or rejecting your research hypothesis (if any); 6. *Any additional items as required by your supervisor.*

Marking scheme – Project Artefact Progress

The purpose of this artefact submission and the marking scheme is for **assessing the current progress of the project artefact's development.**

Please note that the artefact is submitted by the end of week 21 of the total of 27 teaching weeks of the project duration. Therefore, it is not required that the submitted '*interim'* artefact is to be a final product and/or final research output of the project.

The criterion "*Current progress of the artefact development*" attracts 100% of the mark. The other criteria of the rubric are only to provide feedback on the adequacy of the core constituents of the submitted artefact, depending on the type of the project.

Current PROGRESS of the Artefact Development (100%)		**Mark to be granted %**
Behind schedule	*No work or work totally irrelevant*	0
	Unacceptable progress	1-29
	Very weak, insufficient progress	30-39
To be on target at a push	*Basic progress:* The submitted artefact demonstrates basic features/ results; The remaining work on the artefact is major, however feasible & requires significant effort.	40-44
	Acceptable progress: The submitted artefact includes a basic set of features/ results; The remaining work on the artefact is major, however feasible & requires due effort.	45-49
On course to be on target	*Satisfactory progress:* The submitted artefact includes a satisfactory set of required features/ results as per schedule; The remaining work on the artefact is significant, however manageable.	50-54
	Fairly good progress: The submitted artefact has a fairly good set of required features/results as per schedule; The remaining work on the artefact is significant, however manageable.	55-59
On target	*Good progress:* The submitted artefact includes most of the required features/ results; the remaining work on the artefact is proportional to the schedule and achievable.	60-64
	Very good progress: The submitted artefact includes all the required features/ results as per schedule; The remaining work on the artefact is minor & achievable.	65-69
Ahead of schedule	*Excellent progress:* The submitted artefact can be considered completed with all the final features/ results; only some polishing / enhancements can be recommended.	70-79
	Outstanding progress: The submitted artefact is completed and polished; No further work required, ready for the final submission.	80-89
	Exceptional progress: as with A grade plus some extra features/results exceeding the originally planned artefact.	90-100

Feedback on the ADEQUACY of core constituents of the submitted artefact			*n/a*
	Software Development Project	*Investigative project*	***Feedback***
1	Software functional and non-functional requirements.	Research problem statement/research questions.	***To be completed by the supervisor***
2	Software design, i.e. user interface, component/class design, database design.	Research methodology, i.e. what and how data were collected & analysed, and any model/experiment design.	***ditto***
3	Software implementation.	Research results & interpretation of the results.	***ditto***